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OM nucleic - nucleic search, using sw model

Run on: December 30, 2004, 13:02:59 ; Search time 202.368 Seconds
(without alignments)
4155.126 Million cell updates/sec

Title: US-09-939-853A-74
Perfect score: 1183
Sequence: 1 agctagagctccaggagcc.....tcttttgatgatgcctag 1183

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA.*
1: /cgn2_6/ptodata/1/ina/5A_COMB.seq.*
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq.*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq.*
5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq.*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	123	10.4	2015	4	US-09-023-655-1105
2	119.4	10.1	2298	4	Sequence 1105, Ap
3	110	9.3	2354	4	Sequence 1158, Ap
4	107.4	9.1	2129	4	Sequence 1080, Ap
5	101	8.5	675	1	Sequence 1452, Ap
6	101	8.5	675	1	Sequence 3, Appli
7	95	8.0	3258	4	Sequence 24, Appl
8	92.6	7.8	2435	4	Sequence 1313, Ap
9	92.4	7.8	1611	4	Sequence 1, Appli
10	92.4	7.8	1611	4	Sequence 3, Appli
11	91	7.7	2647	4	Sequence 77, Appl
12	91	7.7	2647	5	Sequence 77, Appl
13	90.8	7.7	1611	1	Sequence 3, Appli
14	90.8	7.7	1611	4	Sequence 3, Appli
15	90.8	7.7	1611	5	Sequence 3, Appli
16	89.6	7.6	1626	4	Sequence 10, Appl
17	80.4	6.8	1602	1	Sequence 1, Appli
18	80.4	6.8	1602	5	Sequence 1, Appli
19	80.4	6.8	1759	4	Sequence 2, Appli
20	71	6.0	1491	2	Sequence 1, Appli
21	71	6.0	1491	3	Sequence 1, Appli
22	68.4	5.8	282	2	Sequence 5, Appli
23	68.4	5.8	282	3	Sequence 5, Appli
24	60.4	5.1	4517	4	Sequence 7, Appli
25	60.4	5.1	4517	5	Sequence 83, Appl
26	59.4	5.0	874	4	Sequence 931, App
27	55.8	4.7	1467	4	Sequence 2, Appli

Query Match 10.4% Score 123; DB 4; Length 2015;

ALIGNMENTS

RESULT 1

US-09-023-655-1105
; Sequence 1105, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA: US/09/023.655
; APPLICATION NUMBER: US/09/023.655
; FILING DATE: HEREWITH
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1105:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2015 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g183911
US-09-023-655-1105

28	55.8	4.7	1548	3	US-09-099-053-1	Sequence 1, Appli
29	49.8	4.2	1458	4	US-09-270-767-12694	Sequence 12694, A
30	48	4.1	144	5	PCT-US93-06251-13	Sequence 13, Appl
31	46	3.9	190	5	PCT-US93-06251-14	Sequence 14, Appl
32	43.2	3.7	498	6	5219739-21	Patent No. 5219739
33	42.8	3.6	164	1	US-08-306-691B-28	Sequence 28, Appl
34	42.8	3.6	164	4	US-09-860-473-17	Sequence 17, Appl
35	42.8	3.6	164	4	US-09-444-711A-7	Sequence 7, Appli
36	42.8	3.6	164	5	PCT-US93-06251-70	Sequence 70, Appl
37	42	3.6	134	4	US-09-513-999C-22338	Sequence 22338, A
38	41.6	3.5	197	5	PCT-US95-10973A-18	Sequence 18, Appl
39	41.6	3.5	231	4	US-09-244-583-13	Sequence 13, Appl
40	41.6	3.5	426	4	US-09-884-050-1	Sequence 1, Appli
41	41.6	3.5	444	3	US-09-392-932-6	Sequence 6, Appli
42	41.6	3.5	444	4	US-09-574-708A-1	Sequence 1, Appli
43	41.6	3.5	444	4	US-09-392-931-1	Sequence 1, Appli
44	41.6	3.5	456	5	PCT-US95-10973A-88	Sequence 88, Appl
45	41.6	3.5	467	5	PCT-US95-10973A-86	Sequence 86, Appl

	Best Local Similarity	53.9%;	Pred. No. 1.6e-25;	
	Matches	283;	Conservative	0; Mismatches 230; Indels 12; Gaps 1
QY	457	CCAAGGCCAGGACCTGTGACCATCTGGAAGCAGAGAGAAGCAGGCGCACAGCGTGGCCCT	516	
Db	303	CAACAGCAACACACAGGAATCAGGAGGCGAGGCTCTGAGGACATCATCTGTGTGCCCCCT	362	
QY	517	GGGCAGTTCCTCCGCGCAGGTGGCCCGCGGACGTGTGCTGAGACTCTGGGGAGCCATTGCAC	576	
Db	363	GTATGATTACGAGGCCATTACACACAGAACCTCAGCTTCAGAAAGGGGACCAGATGGT	422	
QY	577	CATCGTCTCTGAGGATCGAGACTCGGTGGACGGTCTGTCTGAAAGTCTCAGGCAGAGACTA	636	
Db	423	GGTCTTAGAGGAATCGGGGAGTGGTGAAGGCTCGATCCCTGGCCACCCCGAGAGGAGG	482	
QY	637	TAAATCCCCAGCGTCCACGTGGGCAAGTCTCCCAT-----GGGTGCTCTTA	684	
Db	483	CTACATCCCAAGCAACTATGTTCGCGCCGCTTGACTCTCTGGAGACAGAGAGATGGTTTTT	542	
QY	685	TGAGGGCTGACGAGGGAGAAAGCAGAGGAACCTGCTGTGTGTTACTCTGGGACCTTGGAGG	744	
Db	543	CAAGGGCATCAGCCGGAAGGACGCAGAGCGCCAACTGCTGCTCCCGCAACATGCTGGG	602	
QY	745	GGCCTTCCTCATCCGGGAGAGCCAGACCAGAGAGGCTCTTACTCTGTCTGATCCGCT	804	
Db	603	CTCCTTCATGATCCGGGATACGAGACCACTAAAGGAAGTACTCTTTTGTCCGTCGAGA	662	
QY	805	CAGCGCGCTTCATCTCTGGGACCGGATCAGACACTACAGGATCCACTGCTTTGACAATGG	864	
Db	563	CTACGACCTTCGGCAGGAGATACCGTGAACATTCAGGATCCGGACCTTGACCAACGG	722	
QY	865	CTGCTGTATCATCTCACCGGCGCTCACTTCCTCCCTCACTCAGGCGCTTGTTGGACCATTA	924	
Db	723	GGGCTTCTACATATCCCCCGGAAGCACCTTCAGCACCTCTGAGGAGCTGGTGGACCACTA	782	
QY	925	CTCTGAGCTGGCGGATGACATCTCTGCTGCCTACTCAAGAGAGCCCTG	969	
Db	783	CAAGAAGGGGAACGACGGGCTCTGCGAGAAACTGTCTGGTGGCCCTG	827	

RESULT 2

US-09-023-655-1158
/ Sequence 1158, Application US/09023655
/ Patent No. 6607879
/ GENERAL INFORMATION:
/ APPLICANT: Cocks, Benjamin G.
/ APPLICANT: Susan G. Stuart
/ APPLICANT: Jeffrey J. Seilhamer
/ TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 1508
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
/ STREET: 3174 PORTER DRIVE
/ CITY: PALO ALTO
/ STATE: CALIFORNIA
/ COUNTRY: USA

```

, , REGISTRATION NUMBER: 37,071
, , REFERENCES/DOCKET NUMBER: PA-0001 US
, , TELECOMMUNICATION INFORMATION:
, , TELEPHONE: (650) 855-0555
, , TELEFAX: (650) 845-4166
, , INFORMATION FOR SEQ ID NO: 1158:
, , SEQUENCE CHARACTERISTICS:
, , LENGTH: 2298 base pairs
, , TYPE: nucleic acid
, , STRANDEDNESS: single
, , TOPOLOGY: linear
, , IMMEDIATE SOURCE:
, , LIBRARY: GSNBANK
, , CLONE: g187268
, , US-09-023-655-1158

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Query Match	10.1%	Score 119.4	DB 4	Length 2298
Best Local Similarity	53.3%	Pred. No. 1.9e-24		
Matches 283	Conservative 0	Mismatches 236	Indels 12	Gaps 1
Qy	454	TGTCACAGGCGCAGGACCTGTGACCATGGAGACAGAGAAAGCAAGGCCACAGCCGTGGC	513	
Db	447	TTTACCTGGACAGAGTTTCAAACTAAAGATCCAGAGAACAGGAGACATTGTGTAGC	506	
Qy	514	CCTGGGCAGTTCCTCCGCGCAGGTGGCCCGCGCGAGCTGTGCTGAGACTCGGGAGGCCATT	573	
Db	507	CTTGTACCCCTATGATGTGCATCCACCCGAGCACTTGTCTTTCAGAAAGGAGAGAGAAT	566	
Qy	574	GACCATCTCTGAGGATGGAGACTGGTGGACGGTCTGTCTGTAAGTCTCAGGCAGAGA	633	
Db	567	GAAAGTCTCTGGAGGAGCATGGAGAAATGGTGGAAAGCAAGTCCCTTTTAAACAAAAAAGA	626	
Qy	634	GTATAACATCCACAGCGTCCACGTGGGCAAGTCTCCC-----ATGGGTGGCT	681	
Db	627	AGGCTTCATCCCGAGCAACTATGTGGCCAACTCAACCTTAGAAACAGAAAGTGGTT	686	
Qy	682	GTATGAGGGCTCAGCAGGAGGAGAAAGCAGAGGAACTGCTGTGTGTTACTCTGGAAACCCCTGG	741	
Db	687	TTTCAAGGATATAACCAGGAAGGACGCAGAAAGGCAGCTTTTGGCACCCAGGAATAGCGC	746	
Qy	742	AGGGCCCTTCTCATCCGGGAGAGCCAGACGAGGAGGCTCTTACTCTCTGTCACTCCG	801	
Db	747	TGGAGCTTTCTCTTATTAGAGAAAGTGAACATTAAAAAGGAAGCTTCTCTCTGTCTGCAG	806	
Qy	802	CCTCAGCCGCGCTGCATCTCCTGGACCGGATCAGACACTACAGGATCCACTGCCCTTGACAA	861	
Db	807	AGACTTTGACCCCTGTGCATCGTGTATTTTAGCACTTCAAAATTAGAAGTCTGGATTA	866	
Qy	862	TGGCTGGCTGTACATCTCACCGGCGCTCACCTTCTCCCTCACTCCAGGCCCTGGTGGACCA	921	
Db	867	TGGGGGCTATTACATCTCTCCAGATCACTTTTCCCTGTATCAGCGACATGATTAAACA	926	
Qy	922	TTACTCTGAGCTGGCGGATGACATCTGCTGCCTACTCAAGAGGCCCTGTGT	972	
Db	927	TTACCAAAAGCAGCAGATGGCTTGTGCAGAAAGATTGGAGAAGCTTGTAT	977	

RESULT 3

```

US-09-023-655-1080
; Sequence 1080, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA

```

;; COUNTRY: USA
;; ZIP: 94304
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/023,655
;; FILING DATE: HEREWITH
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Zeller, Karen J.
;; REGISTRATION NUMBER: 37,071
;; REFERENCE/DOCKET NUMBER: PA-0001 US
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (650) 855-0555
;; TELEFAX: (650) 845-4166
;; INFORMATION FOR SEQ ID NO: 1080:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 2354 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; IMMEDIATE SOURCE:
;; LIBRARY: GENBANK
;; CLONE: g182573
US-09-023-655-1080

Query Match 9.3%; Score 110; DB 4; Length 2354;

Best Local Similarity 56.2%; Pred. No. 9.9e-22;
Matches 234; Conservative 0; Mismatches 170; Indels 12; Gaps 1;

QY	590	GATGAGACTGTGTGACCGGTGCTGTGAAGTCTCAGGCAGAGATATAACATCCCGACG	649
Db	478	GAAGGTGACTGTGTGGAGGCTCGGTCTCTCAGCTCCGGAAAAAAGTGGCTGCATTCCCGACG	537
QY	650	GTCCACGTGGGCAAGT-----CTCCATGGGTGCTGTATGAGGGCTTGAGC	697
Db	538	AACTACGTGGCCCTGTTGACTCAATCAAGCTGAAGAGTGTACTTTTGGAAAGATTGGG	597
QY	698	AGGGAGAAAGCAGAGAACTGCTGTTGTTTACCTGGGAAACCTGGAGGGGCTTCTCTCATC	757
Db	598	AGAAAGGATGAGAGGAGCTGCTTTCACAGGCAACCCCGAGGGGCTTTCTCAT	657
QY	758	CGGGAGAGCCAGACAGAGAGGCTTTACTCTCTGTGAGTCCGCTCAGCCGCCCTGCA	817
Db	658	CGGAAAGCGAGACCAACAAAGTGCCTACTTCCCTGTCCATCCGGGACTGGGATCAGACC	717
QY	818	TCCTGGGACCGGATCAGACACTACAGGATCCACTGCTTGAACATGGCTGGCTGTACATC	877
Db	718	AGAGCGGATCATGTGAAGCATTTACAAGATCCGAAACTGGAATGGGGGGCTACTACATC	777
QY	878	TCACCGGCTCACCCTTCCCTCACTCCAGGCGCTGTGGACCATTTACTCTGAGCTGGCG	937
Db	778	ACCACACGGTTTCAGTTCACTCGGTGAGGAGCTGGTGCGACATATATGAGGTGAAT	837
QY	938	GATGACATCTGTGCTACTCAAGGAGCGCTGTGTCTCGAGAGGGCTTGGCCCGCT	993
Db	838	GACGGGCTGTCAACCTGTCTATCGCGCCCTCGACCATCATGAAGCCGACAGAGCT	893

RESULT 4

US-09-016-434-1452
; Sequence 1452, Application US/09016434
; Patent No. 6500938
; GENERAL INFORMATION:
; APPLICANT: Janice Au-Young
; APPLICANT: Jeffrey J. Seilhamer

;; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
;; TITLE OF INVENTION: PATHWAY GENE EXPRESSION
;; NUMBER OF SEQUENCES: 1490
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
;; STREET: 3174 PORTER DRIVE
;; CITY: PALO ALTO
;; STATE: CALIFORNIA
;; COUNTRY: USA
;; ZIP: 94304
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/016,434
;; FILING DATE: HEREWITH
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Zeller, Karen J.
;; REGISTRATION NUMBER: 37,071
;; REFERENCE/DOCKET NUMBER: PA-0002 US
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (650) 855-0555
;; TELEFAX: (650) 845-4166
;; INFORMATION FOR SEQ ID NO: 1452:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 2129 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; IMMEDIATE SOURCE:
;; LIBRARY: GENBANK
;; CLONE: g775207
US-09-016-434-1452

Query Match 9.1%; Score 107.4; DB 4; Length 2129;

Best Local Similarity 53.2%; Pred. No. 5.3e-21;
Matches 259; Conservative 0; Mismatches 216; Indels 12; Gaps 1;

QY	510	TGGCCCTGGGAGATTTCGGGCGAGGTGGCCCGCGAGCTGTCGCTGAGACTCGGGGAGC	569
Db	259	TCGCTCTCGACAGCTATGAGCCCTCTCACGCGGAGATCTGGGCTTTGAGAAAGGGGGAAC	318
QY	570	CATTGACCATCGTCTCTGAGGATGAGACTGGTGGACGCTGTGTCTGAAAGTCTCAGGCA	629
Db	319	AGCTCCGCTCTGGAGCAGAGCGGAGTGGTGAAGGCGAGTCCCTGACCACGGGCC	378
QY	630	GAGAGTATAACATCCCGAGCGTCCACGTGGGCAAA-----GTCTCCCATGGGT	677
Db	379	AGGAAGGCTTCATCCCTTCAATTTTGTGGCCAAAGCGAACAGCCCTGGAGCCCGAACCT	438
QY	678	GGCTGTATGAGGCTGAGCAGGGGAAAGCAGAGGAACCTGTGTGTTTACTCGGGAACC	737
Db	439	GGTCTTCAAGAACTGAGCCGCAAGGACCGGAGCGGAGCTCTCTGGCCCGGGAAACA	498
QY	738	CTGAGGGGCTTCTCTCATCCGGGAGAGCCAGACCAGAGAGGCTTCTTACTCTCTGTGAG	797
Db	499	CTCAGGCTCTCTCTCTCATCCGGGAGAGAGCAGCCCGGGATCGTTTTCACCTGTGG	558
QY	798	TCGCGCTCAGCGGCTGCTATCTCTGGGACCGGATCTCAGACACTACAGGATCCACTGCC	857
Db	559	TCGCGGACTTCGACCCAGAACCCAGGAGAGGTGGTGAACATTTACAAGATCCGTAATCTGG	618
QY	858	ACAATGGCTGGCTGTACATCTCACCGGCTTCCCTTCCCTCACTCCAGGCTTGGTGG	917
Db	619	ACAACGGTGGCTTCTACATCTCCCTCGAATCACTTTTCCCGGCTGATGAACCTGGTCC	678

QY 918 ACCATTACTCTGAGCTGGCGATGACATCTGCTGCTCTCAAGGAGCCCTGTGCTGC 977
 Db 679 GCCATTACCAATGCTTCAATGGCTGTGCACAGGTTGAGCCGCCCTGCCAGACC 738
 QY 978 AGAGGCC 984
 Db 739 AGAGCC 745

RESULT 5
 US-08-707-793A-3
 ; Sequence 3, Application US/08707793A
 ; Patent No. 5776696
 ; GENERAL INFORMATION:
 ; APPLICANT: SALOWE, SCOTT P.
 ; APPLICANT: SALOWE, SCOTT P.
 ; APPLICANT: WISNIEWSKI, DOUGLAS
 ; TITLE OF INVENTION: A HIGH THROUGHPUT ASSAY USING
 ; TITLE OF INVENTION: FUSION PROTEINS
 ; NUMBER OF SEQUENCES: 17
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Merck & Co., Inc.
 ; STREET: P.O. Box 2000, 126 E. Lincoln Ave.
 ; CITY: Rahway
 ; STATE: NJ
 ; COUNTRY: USA
 ; ZIP: 07065-0900
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/707.793A
 ; FILING DATE: 04-SEP-1996
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Camara, Valerie J
 ; REGISTRATION NUMBER: 35,090
 ; REFERENCE/DOCKET NUMBER: 19494
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 908-594-3902
 ; TELEFAX: 908-594-4720
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 675 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: Genomic DNA
 ; US-08-707-793A-3

Query Match 8.5%; Score 101; DB 1; Length 675;
 Best Local Similarity 59.0%; Pred. No. 2.2e-19;
 Matches 173; Conservative 0; Mismatches 120; Indels 0; Gaps 0;
 QY 677 TGGCTGTATGAGGCGCTGACGAGGAGAAAGCAGAGAACTGCTGTGTTACTCTGGAC 736
 Db 373 TGGTTCTTCAAGAACCTGAGCCGCAAGGACGCGAGCGGAGCTCTGCGGCCGGAAC 432
 QY 737 CTTGGAGGGCTTCTTCATCCGCGGAGCCAGCAGGAGAGGCTCTTACTCTGTCA 796
 Db 433 ACTCAGGCTCTTCTTCATCCGCGGAGCGAGACCGCGGATCGTTTCACTGTG 492
 QY 797 GTCCGCTCAGCCGCTCTGATCTCTGGACCGGATCAGACCTACAGGATCCACTCCCTT 856
 Db 493 GTCCGGAGCTTCGACCAAGACCGAGGAGGCTGTGAAACATTACAGATCCGTAATCTG 552
 QY 857 GACAAATGGCTGGTGTACATCTACCGGCTCACCTTCCCTTCCCTTCCCTTCCCTTCCCTT 916
 Db 553 GACAAAGCTGGCTTCTACATCTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTT 612

QY 917 GACATTACTCTGAGCTGGCGATGACATCTGCTGCTCTCAAGGAGCCCTG 969
 Db 613 CGCCATTACCAATGCTTCAATGGCTGTGCACAGGTTGAGCCGCCCTG 665
 RESULT 6
 US-08-707-792A-3
 ; Sequence 3, Application US/08707792A
 ; Patent No. 5783398
 ; GENERAL INFORMATION:
 ; APPLICANT: MARCY, ALICE
 ; APPLICANT: SALOWE, SCOTT P.
 ; APPLICANT: WISNIEWSKI, DOUGLAS
 ; TITLE OF INVENTION: A HIGH THROUGHPUT ASSAY USING
 ; TITLE OF INVENTION: FUSION PROTEINS
 ; NUMBER OF SEQUENCES: 17
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Merck & Co., Inc.
 ; STREET: P.O. Box 2000, 126 E. Lincoln Ave.
 ; CITY: Rahway
 ; STATE: NJ
 ; COUNTRY: USA
 ; ZIP: 07065-0900
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/707.792A
 ; FILING DATE: 04-SEP-1996
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Camara, Valerie J
 ; REGISTRATION NUMBER: 35,090
 ; REFERENCE/DOCKET NUMBER: 19524
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 908-594-3902
 ; TELEFAX: 908-594-4720
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 675 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: Genomic DNA
 ; US-08-707-792A-3

Query Match 8.5%; Score 101; DB 1; Length 675;
 Best Local Similarity 59.0%; Pred. No. 2.2e-19;
 Matches 173; Conservative 0; Mismatches 120; Indels 0; Gaps 0;
 QY 677 TGGCTGTATGAGGCGCTGACGAGGAGAAAGCAGAGAACTGCTGTGTTACTCTGGAC 736
 Db 373 TGGTTCTTCAAGAACCTGAGCCGCAAGGACGCGAGCGGAGCTCTGCGGCCGGAAC 432
 QY 737 CTTGGAGGGCTTCTTCATCCGCGGAGCCAGCAGGAGAGGCTCTTACTCTGTCA 796
 Db 433 ACTCAGGCTCTTCTTCATCCGCGGAGCGAGACCGCGGATCGTTTCACTGTG 492
 QY 797 GTCCGCTCAGCCGCTCTGATCTCTGGACCGGATCAGACCTACAGGATCCACTCCCTT 856
 Db 493 GTCCGGAGCTTCGACCAAGACCGAGGAGGCTGTGAAACATTACAGATCCGTAATCTG 552
 QY 857 GACAAATGGCTGGTGTACATCTACCGGCTCACCTTCCCTTCCCTTCCCTTCCCTTCCCTT 916
 Db 553 GACAAAGCTGGCTTCTACATCTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTT 612


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US-09-444-711A-1
; Sequence 1, Application US/09444711A
; Patent No. 6764833
; GENERAL INFORMATION:
; APPLICANT: Yeatman, Timothy J.
; APPLICANT: Itby, Rosalyn B.
; TITLE OF INVENTION: Mutated SRC Oncogene Composition and Methods
; FILE REFERENCE: USF-T136
; CURRENT APPLICATION NUMBER: US/09/444,711A
; CURRENT FILING DATE: 2002-11-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 1611
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(1611)
; OTHER INFORMATION: nucleotide sequence of normal c-Src oncogene
; FEATURE:
; NAME/KEY: CDS

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; LOCATION: (1)..(1611)
; OTHER INFORMATION:
US-09-444-711A-1

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Best Local Similarity 53.6%; Pred. No. 1e-16;
Matches 223; Conservative 0; Mismatches 181; Indels 12; Gaps 1;

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DB 318 GAAGGGCAGCGGCTCCAGATTGTCAACAACACGAGGAGGACTGGTGGCCCACTC 377
QY 616 TGAAGTCTCAGGCAGAGAGATTAACATCCCGAGGCTCCAGTGG-----GCAA 663
DB 378 GCTCAGCAGGACAGACAGAGCTACATCCCGAGCAACTACGTGGCGCCCTCCGACTCCAT 437
QY 664 AGTCTCCATGGGTGGCTGTATGAGGCTCAGAGAGTGGTGGAGCGGTGCTGTC 615
DB 438 CCAGGCTGAGGAGTGGTATTTTGGCAAGATCAACAGCGGAGTCAGAGCGGTACTGCT 497
QY 724 GTTACTCTGGGAACCTCGAGGGGCTTCTCATCCGGAGAGCCAGACGAGAGGCTC 783
DB 616 TGAAGTCTCAGGCAGAGAGATTAACATCCCGAGGCTCCAGTGG-----GCAA 663
DB 378 GCTCAGCAGGACAGACAGAGCTACATCCCGAGCAACTACGTGGCGCCCTCCGACTCCAT 437
QY 664 AGTCTCCATGGGTGGCTGTATGAGGCTCAGAGGAGAAAGCAGAGAACTGCTGTT 723
DB 438 CCAGGCTGAGGAGTGGTATTTTGGCAAGATCAACAGCGGAGTCAGAGCGGTACTGCT 497
QY 724 GTTACTCTGGGAACCTCGAGGGGCTTCTCATCCGGAGAGCCAGACGAGAGGCTC 783
DB 498 CAATGCGAGAGAACCGGAGAGGAGCTTCTCTGTCGAGAAAGTGAGACCAAGAGTGC 557
QY 784 TTACTCTGTGCTCGGCTCAGCGGCTCAGCGGCTGCTGCTGGACCGGATCAGACTACAG 843
DB 558 CTACTGCTCTCAGTGTCTGACTTCGACAAAGCGGCTCAACGTGAGGACTACAA 617
QY 844 GATCCACTGCTTGACAAATGGCTGGCTGTACATCTCACCGGCGCTCACCTTCCGCTCACT 903
DB 618 GATCGCAAGCTGGACAGCGGGCTTCTACATCACTCCGACCCAGTTCACAGCCT 677
QY 904 CCAGGCTGCTGGACCACTACTCTGAGCTGGCGGATGACATCTGCTGCTACTCA 959
DB 678 GCAGCAGCTGGTGGCTACTACTCCAAACAGCGGCTGCTGCGCACCGCTCA 733

RESULT 10
US-09-444-711A-3
; Sequence 3, Application US/09444711A
; Patent No. 6764833
; GENERAL INFORMATION:
; APPLICANT: Yeatman, Timothy J.
; APPLICANT: Irby, Rosalyn B.
; TITLE OF INVENTION: Mutated SRC Oncogene Composition and Methods
; FILE REFERENCE: USF-T136
; CURRENT APPLICATION NUMBER: US/09/444,711A
; CURRENT FILING DATE: 2002-11-13
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 1611
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(1593)
; OTHER INFORMATION: nucleotide sequence of mutant c-Src oncogene coding region
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1593)
; OTHER INFORMATION:
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1591)..(1591)
; OTHER INFORMATION: Point mutation in normal c-Src causes transition from c-->t and
; OTHER INFORMATION: the formation of a stop codon.
US-09-444-711A-3

Query Match      7.8%; Score 92.4; DB 4; Length 1611;
Best Local Similarity 53.6%; Pred. No. 1e-16;
Matches 223; Conservative 0; Mismatches 181; Indels 12; Gaps 1;
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QY 556 GAGACTCGGGAGGCAATTGACCATCGTCTCTGAGGATGGAGACTGGTGGAGCGGTGCTGTC 615
DB 318 GAAGGGCAGCGGCTCCAGATTGTCAACAACACGAGGAGGACTGGTGGCCCACTC 377
QY 616 TGAAGTCTCAGGCAGAGAGATTAACATCCCGAGGCTCCAGTGG-----GCAA 663
DB 378 GCTCAGCAGGACAGACAGAGCTACATCCCGAGCAACTACGTGGCGCCCTCCGACTCCAT 437
QY 664 AGTCTCCATGGGTGGCTGTATGAGGCTCAGAGAGTGGTGGAGCGGTGCTGTT 723
DB 438 CCAGGCTGAGGAGTGGTATTTTGGCAAGATCAACAGCGGAGTCAGAGCGGTACTGCT 497
QY 724 GTTACTCTGGGAACCTCGAGGGGCTTCTCATCCGGAGAGCCAGACGAGAGGCTC 783
DB 498 CAATGCGAGAGAACCGGAGAGGAGCTTCTCTGTCGAGAAAGTGAGACCAAGAGTGC 557
QY 784 TTACTCTGTGCTCGGCTCAGCGGCTCAGCGGCTGCTGCTGGACCGGATCAGACTACAG 843
DB 558 CTACTGCTCTCAGTGTCTGACTTCGACAAAGCGGCTCAACGTGAGGACTACAA 617
QY 844 GATCCACTGCTTGACAAATGGCTGGCTGTACATCTCACCGGCGCTCACCTTCCGCTCACT 903
DB 618 GATCGCAAGCTGGACAGCGGGCTTCTACATCACTCCGACCCAGTTCACAGCCT 677
QY 904 CCAGGCTGCTGGACCACTACTCTGAGCTGGCGGATGACATCTGCTGCTACTCA 959
DB 678 GCAGCAGCTGGTGGCTACTACTCCAAACAGCGGCTGCTGCGCACCGCTCA 733

RESULT 11
US-09-220-132-77
; Sequence 77, Application US/09220132
; Patent No. 6506607
; GENERAL INFORMATION:
; APPLICANT: Shyjan, Andrew W.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE IDENTIFICATION AND ASSESSMENT
; OF PROSTATE CANCER THERAPIES AND THE DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: 07334-074001
; CURRENT APPLICATION NUMBER: US/09/220,132
; CURRENT FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: US 60/079,303
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: US 60/068,821
; PRIOR FILING DATE: 1997-12-24
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 77
; LENGTH: 2647
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-220-132-77

Query Match      7.7%; Score 91; DB 4; Length 2647;
Best Local Similarity 56.5%; Pred. No. 3.3e-16;
Matches 169; Conservative 0; Mismatches 130; Indels 0; Gaps 0;

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QY 732 GGAACCTGGAGGGGCTTCTCATCCGGAGAGCCAGACGAGAGAGGCTCTTACTCTC 791
DB 1079 GAAACCCCAAGAGGTACCTTTCTTATCCGAGAGTGAAACCAACCAAGGTGCTATTTCAC 1138
QY 792 TGTGAGTCCGCTCAGCGGCTCATCTCTGGGACCGGATCAGACACTACAGGATCCACT 851
DB 1139 TTTCTATCCGTTGATTGGATGATGAAAGAGAGACCATGTCAAACTATATAAATTCGCA 1198
QY 852 GCCTTGCAATGGCTGCTGTACATCTCAGCGGCTCAGCTCCCTCCCTCACTCAGGCCC 911
DB 1199 AACTTGAATGTTGGATGATACATTTACATTTACCCCGGCGGCTTTGAAACACTTCAGCAGC 1258
QY 912 TGGTGGACCATTAATCTCTGAGCTGGCGGATGACATCTGCTGCTACTCAAGAGGCCCTGT 970
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Db      1259 TTGTACAACTACTCAGAGAGAGCTGCGGCTCTGCTGCGCCTAGTAGTCCCTGT 1317
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RESULT 12
PCT-US93-06251-77
; Sequence 77, Application PC/TUS9306251
; GENERAL INFORMATION:
; APPLICANT: Wickstrom, Eric and Rife, Jason P.
; TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
; TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates
; NUMBER OF SEQUENCES: 93
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: NY
; COUNTRY: USA
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/06251
; FILING DATE: 19930630
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Digiglio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 8586
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 516-742-4343
; TELEFAX: 516-742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2647 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
PCT-US93-06251-77

Query Match          7.7%; Score 91; DB 5; Length 2647;
Best Local Similarity 56.5%; Pred. No. 3.3e-16;
Matches 169; Conservative 0; Mismatches 130; Indels 0; Gaps 0;

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QY      732 GGAACCTTGGAGGCGCTTCTATCCGGGAGAGCAGACACAGGAGGCTTACTCTC 791
Db      1079 GAAACCCCAAGAGGTACCTTTCTATCCGAGAGTGAACACCAACCAAGGTGCTATTAC 1138

QY      792 TGTCAGTCGCTCAGCGCGCTGATCTCTGGGACCGATCAGACACTACAGGATCCACT 851
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QY      852 GCCTTGACAATGGCTGGCTGTATCATCTCACCGCGCTCACCTTCCCTCAGCGGCC 911
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QY      912 TGGTGGACATTAATCTGAGCTGGCGGATGACATCTGCTGCTACTCAAGAGGCGCTGT 970
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; Patent No. 5336615
; GENERAL INFORMATION:
; APPLICANT: Bell, Leonard
; APPLICANT: Madri, Joseph A.
; APPLICANT: Warren, Stephen L.
; APPLICANT: Luthringer, Daniel J.
; TITLE OF INVENTION: Genetically Engineered
; TITLE OF INVENTION: Endothelial Cells Exhibiting Enhanced
; TITLE OF INVENTION: Migration
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Maurice M. Klee
; STREET: 1951 Burr Street
; CITY: Fairfield
; STATE: Connecticut
; COUNTRY: USA
; ZIP: 06430
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch, 360 Kb storage
; COMPUTER: IBM PC XT
; OPERATING SYSTEM: PC-DOS/MS-DOS 2.10
; SOFTWARE: Displaywrite 3
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/820,011A
; FILING DATE: 19920106
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Klee, Maurice M.
; REGISTRATION NUMBER: 30,399
; REFERENCE/DOCKET NUMBER: LB-101
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (203) 255 1400
; TELEFAX: (203) 254 1101
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1611
; TYPE: NUCLEIC ACID
; STRANDEDNESS: Double
; TOPOLOGY: Linear
; MOLECULE TYPE: cdna to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapien
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: Chromosome 20
; PUBLICATION INFORMATION:
; AUTHORS: Anderson, Stephen K.
; AUTHORS: Gibbs, Carol P.
; AUTHORS: Tanaka, Akio
; AUTHORS: Kung, Hsing-Jien
; AUTHORS: Fujita, Donald J.
; TITLE: Human Cellular src Gene:
; TITLE: Nucleotide Sequence and Derived Amino
; TITLE: Acid Sequence of the Region Coding for
; TITLE: the Carboxy-Terminal Two-Thirds of
; JOURNAL: Molecular and Cellular Biology
; VOLUME: 5
; ISSUE: 5
; DATE: May, 1985
; PAGES: 1122-1129
; PUBLICATION INFORMATION:
; AUTHORS: Tanaka, Akio
; AUTHORS: Gibbs, Carol P.
; AUTHORS: Arthur, Richard R.
; AUTHORS: Anderson, Stephen K.
; AUTHORS: Kung, Hsing-Jien
; AUTHORS: Fujita, Donald J.
; TITLE: DNA Sequence Encoding the
; TITLE: Amino-Terminal Region of the Human c-src
; TITLE: Protein: Implications of Sequence

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; PUBLICATION INFORMATION:
; AUTHORS: Anderson, Stephen K.
; AUTHORS: Gibbs, Carol P.
; AUTHORS: Tanaka, Akio
; AUTHORS: Kung, Hsing-Jien
; AUTHORS: Fujita, Donald J.
; TITLE: Human Cellular src Gene:
; TITLE: Nucleotide Sequence and Derived Amino
; TITLE: Acid Sequence of the Region Coding for
; TITLE: the Carboxy-Terminal Two-Thirds of
; TITLE: pp60c-src
; JOURNAL: Molecular and Cellular Biology
; VOLUME: 5
; ISSUE: 5
; PAGES: 1122-1129
; DATE: May, 1985
; PUBLICATION INFORMATION:
; AUTHORS: Tanaka, Akio
; AUTHORS: Gibbs, Carol P.
; AUTHORS: Arthur, Richard R.
; AUTHORS: Anderson, Stephen K.
; AUTHORS: Kung, Hsing-Jien
; AUTHORS: Fujita, Donald J.
; TITLE: DNA Sequence Encoding the
; TITLE: Amino-Terminal Region of the Human c-src
; TITLE: Protein: Implications of Sequence
; TITLE: Divergence among src-Type Kinase
; TITLE: Oncogenes
; JOURNAL: Molecular and Cellular Biology
; VOLUME: 7
; ISSUE: 5
; PAGES: 1978-1983
; DATE: May, 1987
; PCT-US93-00445-3

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318 GAAAGCGAGCGGCTCCAGATTGTCAACAACACAGAGGGAGACTGGTGGCCCACTC 377
QY 616 TGAAGTCTCAGCAGAGAGTATACATCCCAAGCTCCACGGTGG-----GCAA 663
Db ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
378 GCTCAGCACAGCAGACAGCAGGCTACATCCCAAGCACTACGTGGCGCCCTCGACTCCAT 437
QY 664 AGTCTCCATGGTGGCTGTATGAGGGCTGAGCGGAGAGAGCAGAGGAACTGCTGTT 723
Db ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
438 CCAGGCTGAGGAGTGGTATTTTGGCAAGATCACACAGCGGGAGTCAGAGCGGTTACTGCT 497
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QY 844 GATCCACTGCTTGACATGGCTGTACATCTCACGGGCTCACCCTTCCCTCACT 903
Db ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
618 GATCCGCAAGTGGACAGCGGGCTTCTACATCACTCCCGCACCCAGTTCAACAGCCT 677
QY 904 CCAGCCCTGGTGGACCACTTACTCTGAGTGGCGGATGACATCTGCTGCCTACTCA 959
Db ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
678 GCAGCAGCTGGTGGCCTACTACTCTCAACAGCCGATGGCCTGTGCCACCGCTCA 733

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Job time : 208.368 secs

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

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Perfect score: 1183

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IDENTITY_NUC

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Searched: 4176236 seqs, 2824127955 residues

Total number of hits satisfying chosen parameters: 8352472

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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- 3: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	784.4	66.3	786	14	US-10-043-649-1
4	784.4	66.3	786	17	US-10-432-746A-4
5	775.4	65.5	864	10	US-09-814-353-21302
6	758.2	64.1	763	9	US-09-867-550-953
7	724.2	61.2	1413	17	US-10-115-635-120
8	661.8	55.9	737	17	US-10-432-746A-6
9	561.4	47.5	1348	17	US-10-432-746A-1
10	535.2	45.2	777	17	US-10-432-746A-2
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12	341	28.8	875	9	US-09-867-550-1915

13	213.4	18.0	320	10	US-09-814-353-17314	Sequence 17314, A
14	157.4	13.3	2665	9	US-09-954-456-499	Sequence 499, App
15	157.4	13.3	2665	15	US-10-172-118-1312	Sequence 1312, Ap
16	157.4	13.3	2665	16	US-10-342-887-1312	Sequence 1312, Ap
17	157.4	13.3	2665	17	US-10-775-169-154	Sequence 154, App
18	157.4	13.3	3452	18	US-10-723-860-5340	Sequence 5340, Ap
19	157.4	13.3	3756	13	US-10-002-600-91	Sequence 91, Appli
20	141.8	12.0	432	9	US-09-864-761-2829	Sequence 2829, Ap
21	141.8	12.0	448	9	US-09-864-761-15513	Sequence 15513, A
22	131.6	11.1	152	10	US-09-814-353-4631	Sequence 4631, Ap
23	131.6	11.1	152	10	US-09-814-353-10930	Sequence 10930, A
24	124.6	10.5	2243	16	US-10-062-674-2038	Sequence 2038, Ap
25	123	10.4	1924	16	US-10-193-720-1	Sequence 1, Appli
26	123	10.4	2015	9	US-09-954-456-1383	Sequence 1983, Ap
27	123	10.4	2015	15	US-10-007-010-3	Sequence 3, Appli
28	123	10.4	2015	15	US-10-172-118-726	Sequence 726, App
29	123	10.4	2015	16	US-10-342-887-726	Sequence 726, App
30	123	10.4	2015	16	US-10-641-643-1105	Sequence 1105, Ap
31	123	10.4	2015	17	US-10-755-889-261	Sequence 261, App
32	123	10.4	2015	17	US-10-775-169-106	Sequence 106, App
33	123	10.4	2341	15	US-10-252-157-140	Sequence 140, App
34	119.4	10.1	2298	14	US-10-175-523-50	Sequence 50, Appli
35	119.4	10.1	2298	15	US-10-172-118-762	Sequence 762, App
36	119.4	10.1	2298	16	US-10-159-563-343	Sequence 343, App
37	119.4	10.1	2298	16	US-10-342-887-762	Sequence 762, App
38	119.4	10.1	2298	16	US-10-641-643-1158	Sequence 1158, Ap
39	119.4	10.1	2298	17	US-10-755-889-269	Sequence 269, App
40	110.6	9.3	1530	11	US-09-997-722-234	Sequence 234, App
41	110.6	9.3	2032	11	US-09-997-722-233	Sequence 233, App
42	110.6	9.3	2032	15	US-10-366-288-27	Sequence 27, Appli
43	110.6	9.3	2032	17	US-10-316-515-4	Sequence 4, Appli
44	110	9.3	1590	15	US-10-085-117-18	Sequence 18, Appli
45	110	9.3	2354	9	US-09-967-768A-300	Sequence 300, App

ALIGNMENTS

RESULT 1
US-09-939-853A-74
; Sequence 74, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: 21402-099
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 74
; LENGTH: 1183
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-853A-74
Query Match 100.0%; Score 1183; DB 11; Length 1183;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1183; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 AGCTAGAGCTCCAGGACCCACCGCTGTCTGTGTGACAGAGCTCAAGGGCCCTGG 60
Db 1 AGCTAGAGCTCCAGGACCCACCGCTGTCTGTGTGACAGAGCTCAAGGGCCCTGG 60
Qy 61 CCTTCCCTCCCTGGCTCGCTGTCTTGGAGGGTTCCTCCAGTCCAGATCCCTAAGGAG 120

Db 1141 CATCAGCCTGAATGACGAGGCTGTCTCTTTGGATGATGCCTAG 1183

RESULT 2

US-09-939-853A-76/c

; Sequence 76, Application US/09939853A

; Publication No. US20040039163A1

; GENERAL INFORMATION:

; APPLICANT: Burgess et al.

; TITLE OF INVENTION: No. US20040039163A1e1 Proteins and Nucleic Acids Encoding Same

; FILE REFERENCE: 21402-099

; CURRENT APPLICATION NUMBER: US/09/939,853A

; CURRENT FILING DATE: 2001-08-27

; PRIOR APPLICATION NUMBER: 60/228,191

; PRIOR FILING DATE: 2000-08-25

; PRIOR APPLICATION NUMBER: 60/267,300

; PRIOR FILING DATE: 2001-02-08

; PRIOR APPLICATION NUMBER: 60/269,961

; PRIOR FILING DATE: 2001-02-20

; PRIOR APPLICATION NUMBER: 60/277,337

; PRIOR FILING DATE: 2001-03-20

; NUMBER OF SEQ ID NOS: 159

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 76

; LENGTH: 1183

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-939-853A-76

Query Match 100.0%; Score 1183; DB 11; Length 1183;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1183; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTAGAGCTCCAGGACCCAGCCGCTGTCTCTGTGAGAGGCTCAAGAGCCCTGGG 60

Db 1183 AGCTAGAGCTCCAGGACCCAGCCGCTGTCTCTGTGAGAGGCTCAAGAGCCCTGGG 1124

QY 61 CTTTCCCTCCCTGGCTCGGCTGTCTTGGAGGGTTCCTCCAGTCCAGAGATCCCTAAGGAG 120

Db 1123 CTTTCCCTCCCTGGCTCGGCTGTCTTGGAGGGTTCCTCCAGTCCAGAGATCCCTAAGGAG 1064

QY 121 CATGGGGAGCTGATCATCCCTGGTGTACAACTGCTGATGCTGACAGAGATGCTGAGCT 180

Db 1063 CATGGGGAGCTGATCATCCCTGGTGTACAACTGCTGATGCTGACAGAGATGCTGAGCT 1004

QY 181 ACCCAACCAACACCTAGCTCTCCCTGAAGATCCTCCAGGCTGAGAGATGCTGGGTG 240

Db 1003 ACCCAACCAACACCTAGCTCTCCCTGAAGATCCTCCAGGCTGAGAGATGCTGGGTG 944

QY 241 TCCTAGGACCAAGGACACTGGCAGACTTCCAGAGGGGCCCCCAAGCCCTAACCTGTCCA 300

Db 943 TCCTAGGACCAAGGACACTGGCAGACTTCCAGAGGGGCCCCCAAGCCCTAACCTGTCCA 884

QY 301 GCCAGAGCATGCTCTCAGCAGAGCTGTCTTCCAGAGCTTTGATGACAAACCAATTTCC 360

Db 883 GCCAGAGCATGCTCTCAGCAGAGCTGTCTTCCAGAGCTTTGATGACAAACCAATTTCC 824

QY 361 CTGATGATGCTCTTCTGAGTGTCTCTGAGGACCAATGGGAGTCTGCCAGCAGAG 420

Db 823 CTGATGATGCTCTTCTGAGTGTCTCTGAGGACCAATGGGAGTCTGCCAGCAGAG 764

QY 421 AAATCTCTGCCAAGCCCAAGCTTGTCTCTTCCAAAGGCCAGGACCTGTGACCAT 480

Db 763 AAATCTCTGCCAAGCCCAAGCTTGTCTCTTCCAAAGGCCAGGACCTGTGACCAT 704

QY 481 GGAAGCAGAGAGAGCAAGGCCACAGCCGTGGCCCTGGGAGTTCCTCCGGAGGTGGCC 540

Db 703 GGAAGCAGAGAGAGCAAGGCCACAGCCGTGGCCCTGGGAGTTCCTCCGGAGGTGGCC 644

QY 541 GGCCGAGCTCTGCTGAGACTCGGGGAGCCATGACCATCGTCTCTGAGGATGAGACTG 600

Db 643 GGCCGAGCTCTGCTGAGACTCGGGGAGCCATGACCATCGTCTCTGAGGATGAGACTG 584

Db 1141 CATCAGCCTGAATGACGAGGCTGTCTCTTTGGATGATGCCTAG 1183

RESULT 2

US-09-939-853A-76/c

; Sequence 76, Application US/09939853A

; Publication No. US20040039163A1

; GENERAL INFORMATION:

; APPLICANT: Burgess et al.

; TITLE OF INVENTION: No. US20040039163A1e1 Proteins and Nucleic Acids Encoding Same

; FILE REFERENCE: 21402-099

; CURRENT APPLICATION NUMBER: US/09/939,853A

; CURRENT FILING DATE: 2001-08-27

; PRIOR APPLICATION NUMBER: 60/228,191

; PRIOR FILING DATE: 2000-08-25

; PRIOR APPLICATION NUMBER: 60/267,300

; PRIOR FILING DATE: 2001-02-08

; PRIOR APPLICATION NUMBER: 60/269,961

; PRIOR FILING DATE: 2001-02-20

; PRIOR APPLICATION NUMBER: 60/277,337

; PRIOR FILING DATE: 2001-03-20

; NUMBER OF SEQ ID NOS: 159

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 76

; LENGTH: 1183

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-939-853A-76

Query Match 100.0%; Score 1183; DB 11; Length 1183;

Best Local Similarity 100.0%; Pred. No. 0;

Matches 1183; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGCTAGAGCTCCAGGACCCAGCCGCTGTCTCTGTGAGAGGCTCAAGAGCCCTGGG 60

Db 1183 AGCTAGAGCTCCAGGACCCAGCCGCTGTCTCTGTGAGAGGCTCAAGAGCCCTGGG 1124

QY 61 CTTTCCCTCCCTGGCTCGGCTGTCTTGGAGGGTTCCTCCAGTCCAGAGATCCCTAAGGAG 120

Db 1123 CTTTCCCTCCCTGGCTCGGCTGTCTTGGAGGGTTCCTCCAGTCCAGAGATCCCTAAGGAG 1064

QY 121 CATGGGGAGCTGATCATCCCTGGTGTACAACTGCTGATGCTGACAGAGATGCTGAGCT 180

Db 1063 CATGGGGAGCTGATCATCCCTGGTGTACAACTGCTGATGCTGACAGAGATGCTGAGCT 1004

QY 181 ACCCAACCAACACCTAGCTCTCCCTGAAGATCCTCCAGGCTGAGAGATGCTGGGTG 240

Db 1003 ACCCAACCAACACCTAGCTCTCCCTGAAGATCCTCCAGGCTGAGAGATGCTGGGTG 944

QY 241 TCCTAGGACCAAGGACACTGGCAGACTTCCAGAGGGGCCCCCAAGCCCTAACCTGTCCA 300

Db 943 TCCTAGGACCAAGGACACTGGCAGACTTCCAGAGGGGCCCCCAAGCCCTAACCTGTCCA 884

QY 301 GCCAGAGCATGCTCTCAGCAGAGCTGTCTTCCAGAGCTTTGATGACAAACCAATTTCC 360

Db 883 GCCAGAGCATGCTCTCAGCAGAGCTGTCTTCCAGAGCTTTGATGACAAACCAATTTCC 824

QY 361 CTGATGATGCTCTTCTGAGTGTCTCTGAGGACCAATGGGAGTCTGCCAGCAGAG 420

Db 823 CTGATGATGCTCTTCTGAGTGTCTCTGAGGACCAATGGGAGTCTGCCAGCAGAG 764

QY 421 AAATCTCTGCCAAGCCCAAGCTTGTCTCTTCCAAAGGCCAGGACCTGTGACCAT 480

Db 763 AAATCTCTGCCAAGCCCAAGCTTGTCTCTTCCAAAGGCCAGGACCTGTGACCAT 704

QY 481 GGAAGCAGAGAGAGCAAGGCCACAGCCGTGGCCCTGGGAGTTCCTCCGGAGGTGGCC 540

Db 703 GGAAGCAGAGAGAGCAAGGCCACAGCCGTGGCCCTGGGAGTTCCTCCGGAGGTGGCC 644

QY 541 GGCCGAGCTCTGCTGAGACTCGGGGAGCCATGACCATCGTCTCTGAGGATGAGACTG 600

Db 643 GGCCGAGCTCTGCTGAGACTCGGGGAGCCATGACCATCGTCTCTGAGGATGAGACTG 584

601 GTGGAGGTGCTGTCTGAAGTCTCAGGACAGAGTATAACATCCCGAGGTCACGTGGG 660
Db GTGGAGGTGCTGTCTGAAGTCTCAGGACAGAGTATAACATCCCGAGGTCACGTGGG 524
661 CAAAGTCTCCCATGGGTGCTGTATGAGGCTGTAGAGGAGGAGGAGGAGGAGGAGGAGG 720
Db CAAAGTCTCCCATGGGTGCTGTATGAGGCTGTAGAGGAGGAGGAGGAGGAGGAGGAGG 464
721 GTTGTACCTGCGAACCCTGGAGGGGCTTCTCATCCGGGAGAGCCAGACAGGAGAGG 780
Db GTTGTACCTGCGAACCCTGGAGGGGCTTCTCATCCGGGAGAGCCAGACAGGAGAGG 404
781 CTCCTACTCTGTAGTCCGCTCAGCGCCCTGCATCTCGGACCGGATCAGACACTA 840
Db CTCCTACTCTGTAGTCCGCTCAGCGCCCTGCATCTCGGACCGGATCAGACACTA 344
841 CAGGATCCACTCCCTTGACAAATGGCTGGCTGTACATCTCAGCGCCCTCACCCTCCCTC 900
Db CAGGATCCACTCCCTTGACAAATGGCTGGCTGTACATCTCAGCGCCCTCACCCTCCCTC 284
901 ACTCAGGCGCTGTGGACCAATTAATCTGAGCTGGCGGATGATCTGTGCTACTCA 960
Db ACTCAGGCGCTGTGGACCAATTAATCTGAGCTGGCGGATGATCTGTGCTACTCA 224
961 GGAGCCCTGTCTCTGACAGAGGCTGGCCGCTCCCTGCAAGGATATACCCCTACCTGT 1020
Db GGAGCCCTGTCTCTGACAGAGGCTGGCCGCTCCCTGCAAGGATATACCCCTACCTGT 164
1021 GACTGTGACAGAGACACCACTCAACTGGAAAGAGCTGGACAGCTCCCTCTGTTTCTGA 1080
Db GACTGTGACAGAGACACCACTCAACTGGAAAGAGCTGGACAGCTCCCTCTGTTTCTGA 104
1081 AGCTGCCACAGGGAGGAGTCTTCTCAGTGAGGCTCTCCGGAGTCCCTCAGCTTCTA 1140
Db AGCTGCCACAGGGAGGAGTCTTCTCAGTGAGGCTCTCCGGAGTCCCTCAGCTTCTA 44
1141 CATGAGCTGAATGACGAGGCTGTCTCTTTGGATGATGCTAG 1183
43 CATGAGCTGAATGACGAGGCTGTCTCTTTGGATGATGCTAG 1

RESULT 3
US-10-043-649-1
; Sequence 1, Application US/10043649
; Publication No. US20030059924A1
; GENERAL INFORMATION:
; APPLICANT: Holland, Sacha J.
; APPLICANT: Mendenhall, Marcy K.
; APPLICANT: Pardo, Jorge
; APPLICANT: Spencer, Collin
; APPLICANT: Fu, C. Alan
; APPLICANT: Luo, Ying
; APPLICANT: Pavan, Donald G.
; APPLICANT: Mancebo, Helena S.Y.
; APPLICANT: Wu, Jun
; APPLICANT: Zhou, Xiulan
; APPLICANT: Shen, Mary
; APPLICANT: Liao, X. Charlene
; APPLICANT: Sheng, Ning
; TITLE OF INVENTION: Cloning of a No. US20030059924A1el Inhibitor of Antigen-receptor
; FILE REFERENCE: A-70219-1/RMS/DHR
; CURRENT APPLICATION NUMBER: US/10/043,649
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/260,953
; PRIOR FILING DATE: 2001-01-10
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 786
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:

; NAME/KEY: CDS
; LOCATION: (1)..(786)
; OTHER INFORMATION:
US-10-043-649-1
Query Match 66.3%; Score 784.4; DB 14; Length 786;
Best Local Similarity 99.9%; Pred. No. 1.3e-234;
Matches 785; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 398 ATGGGAAGTCTGCCCCAGCAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTCTGTC 457
Db 1 ATGGGAAGTCTGCCCCAGCAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTCTGTC 60
QY 458 CAAGGCCAGGACCTGTGATCCATGATGAAGCAGAGAGCAAGGCCACAGCCGTCGCTG 517
Db 61 CAAGGCCAGGACCTGTGATCCATGATGAAGCAGAGAGCAAGGCCACAGCCGTCGCTG 120
QY 518 GGCAGTTCCTCCGGCAGGTGGCCCGCCGAGCTGTGCTGAGACTCGGGAGGCATGACC 577
Db 121 GGCAGTTCCTCCGGCAGGTGGCCCGCCGAGCTGTGCTGAGACTCGGGAGGCATGACC 180
QY 578 ATCGTCTCTGAGGATGGAGACTGGTGGACGGTGTCTCTGAAGTCTCAGGCAGAGATAT 637
Db 181 ATCGTCTCTGAGGATGGAGACTGGTGGACGGTGTCTCTGAAGTCTCAGGCAGAGATAT 240
QY 638 AACATCCCGAGCTCCAGTGGGCAAGTCTCCCATGGGTGCTGTATGAGGCGCTGAGC 697
Db 241 AACATCCCGAGCTCCAGTGGGCAAGTCTCCCATGGGTGCTGTATGAGGCGCTGAGC 300
QY 698 AGGGAAGACAGAGGAACTGCTGTGTACTTGGGAACCTTGGAGGGGCTTCTCTCATC 757
Db 301 AGGGAAGACAGAGGAACTGCTGTGTACTTGGGAACCTTGGAGGGGCTTCTCTCATC 360
QY 758 CGGAGAGCCAGACCCAGGAGAGGCTCTTACTCTCTGTGTCAGTCCGCTCAGCCGCCCTGCA 817
Db 361 CGGAGAGCCAGACCCAGGAGAGGCTCTTACTCTCTGTGTCAGTCCGCTCAGCCGCCCTGCA 420
QY 818 TCCTGGGACCGGATCAGACACTACAGGATCCACTGSCCTTGACAATGGCTGTATCATC 877
Db 421 TCCTGGGACCGGATCAGACACTACAGGATCCACTGSCCTTGACAATGGCTGTATCATC 480
QY 878 TCACCGGCGCTCAGCTTCCCTCACTCCAGGCGCTGTGGACCATCTACTCTGAGCTGGG 937
Db 481 TCACCGGCGCTCAGCTTCCCTCACTCCAGGCGCTGTGGACCATCTACTCTGAGCTGGG 540
QY 938 GATGACATCTGCTGCTACTCAAGGAGCCCTGTGCTGTCAGAGGCTGGCCCGCTCCCT 997
Db 541 GATGACATCTGCTGCTACTCAAGGAGCCCTGTGCTGTCAGAGGCTGGCCCGCTCCCT 600
QY 998 GGCAAGGATATACCCCTACCTGTGATGTGTCAGAGGACACCACTCAACTGGAAAGAGCTG 1057
Db 601 GGCAAGGATATACCCCTACCTGTGATGTGTCAGAGGACACCACTCAACTGGAAAGAGCTG 660
QY 1058 GACAGCTCCCTCTGTTTCTGAAAGCTGCCACAGGGAGGAGTCTCTCTCAGTGGGGT 1117
Db 661 GACAGCTCCCTCTGTTTCTGAAAGCTGCCACAGGGAGGAGTCTCTCTCAGTGGGGT 720
QY 1118 CTCGGGAGTCCCTCAGCTTCTACATCAGCTGATGACGAGGCTGTCTCTTTGGATGAT 1177
Db 721 CTCGGGAGTCCCTCAGCTTCTACATCAGCTGATGACGAGGCTGTCTCTTTGGATGAT 780
QY 1178 GCCTAG 1183
Db 781 GCCTAG 786
RESULT 4
US-10-432-746A-4
; Sequence 4, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: Loreto, Michael

;; TITLE OF INVENTION: ADAPTER GENE
;; FILE REFERENCE: 3477.102
;; CURRENT APPLICATION NUMBER: US/10/432,746A
;; CURRENT FILING DATE: 2003-05-27
;; PRIOR APPLICATION NUMBER: PCT/CA01/01662
;; PRIOR FILING DATE: 2001-11-26
;; PRIOR APPLICATION NUMBER: CA 2,324,663
;; PRIOR FILING DATE: 2000-11-27
;; NUMBER OF SEQ ID NOS: 17
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 4
;; LENGTH: 786
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-432-746A-4

Query Match 66.3%; Score 784.4; DB 17; Length 786;
Best Local Similarity 99.9%; Pred. No. 1.3e-234;
Matches 785; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 398 ATGGGAAGTCTGCCAGCAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCCTCTGTC 457
Db 1 ATGGGAAGTCTGCCAGCAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCCTCTGTC 60

QY 458 CAAGCCAGGACCTGTGACCATGGAAGCAGAGAGAAAGGCCACAGCCGCTGGCCCTG 517
Db 61 CAAGCCAGGACCTGTGACCATGGAAGCAGAGAGAAAGGCCACAGCCGCTGGCCCTG 120

QY 518 GGCAGTTCCTCCGAGAGTGGCCGCGGAGCTGTGCTGAGACTCGGGAGCCATTGACC 577
Db 121 GGCAGTTCCTCCGAGAGTGGCCGCGGAGCTGTGCTGAGACTCGGGAGCCATTGACC 180

QY 578 ATCTCTCTGAGATGGAGACTGTGGAGCGTGTCTGCTGAACTCTCAGGACAGATAT 637
Db 181 ATCTCTCTGAGATGGAGACTGTGGAGCGTGTCTGCTGAACTCTCAGGACAGATAT 240

QY 638 AACATCCCCAGCGTCCAGTGGGCAAGTCTCCATGGGTGGCTGTATGAGGGCTCAGC 697
Db 241 AACATCCCCAGCGTCCAGTGGGCAAGTCTCCATGGGTGGCTGTATGAGGGCTCAGC 300

QY 698 AGGAGAAAGCAGAGAACTGTGTTTACCTGGGAAACCTTGGAGGGCCCTTCTCATC 757
Db 301 AGGAGAAAGCAGAGAACTGTGTTTACCTGGGAAACCTTGGAGGGCCCTTCTCATC 360

QY 758 CGGAGAGCCAGACCAAGGAGAGCTTTACTCTGTGATCCGCTCAGCGCCCTGCA 817
Db 361 CGGAGAGCCAGACCAAGGAGAGCTTTACTCTGTGATCCGCTCAGCGCCCTGCA 420

QY 818 TCCTGGGACCGGATCAGACATACAGGATCCACTGCTTGCAATGGCTGTATCATC 877
Db 421 TCCTGGGACCGGATCAGACATACAGGATCCACTGCTTGCAATGGCTGTATCATC 480

QY 878 TCACCGGCTCACCCTTCCCTCACCCTCCAGGCGCTGGTGGACCAATTAATCTGAGCTGGG 937
Db 481 TCACCGGCTCACCCTTCCCTCACCCTCCAGGCGCTGGTGGACCAATTAATCTGAGCTGGG 540

QY 938 GATGACATCTGCTGCTTACTCAGAGAGCCCTGTCTCTCAGAGGGCTGCGCCGCTCCCT 997
Db 541 GATGACATCTGCTGCTTACTCAGAGAGCCCTGTCTCTCAGAGGGCTGCGCCGCTCCCT 600

QY 998 GGCAGGATATACCCCTTACTGTGACGTGTCAGAGGACACCACTCAACTGGAAGAGCTG 1057
Db 601 GGCAGGATATACCCCTTACTGTGACGTGTCAGAGGACACCACTCAACTGGAAGAGCTG 660

QY 1058 GACAGCTCCCTCTGTTTCTGAAAGCTGCCAGGGAGAGTCTCTCTCAGTGAAGGT 1117
Db 661 GACAGCTCCCTCTGTTTCTGAAAGCTGCCAGGGAGAGTCTCTCTCAGTGAAGGT 720

QY 1118 CTCGGGAGTCCCTCAGCTTCTACATCAGCTCTGATCAGAGGCTGTCTCTTTGGATGAT 1177
Db 721 CTCGGGAGTCCCTCAGCTTCTACATCAGCTCTGATCAGAGGCTGTCTCTTTGGATGAT 780

QY 1178 GCCTAG 1183

Db 781 GCCTAG 786

RESULT 5
US-09-814-353-21302
; Sequence 21302, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Thompson, Pamela
; APPLICANT: Lillie, James
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814,353
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21302
; LENGTH: 864
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1, 2, 3, 32, 862, 863, 864
; OTHER INFORMATION: n = A,T,C or G
US-09-814-353-21302

Query Match 65.5%; Score 775.4; DB 10; Length 864;
Best Local Similarity 99.2%; Pred. No. 8.7e-232;
Matches 779; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 GCTAGAGCTCCAAAGAGCCCAAGCCCTGTCTCTGTGACAGAGCTCAAGGCCCTGGGC 61
Db 54 GCTAGAGCTCCAAAGAGCCCAAGCCCTGTCTCTGTGACAGAGCTCAAGGCCCTGGGC 113

QY 62 CTTCCCTCCCTGGCTCGGCTGTGCTTGGAGGGTTCCCCAGTCCAGATCCCTAAGGAGC 121
Db 114 CTTCCCTCCCTGGCTCGGCTGTGCTTGGAGGGTTCCCCAGTCCAGATCCCTAAGGAGC 173

QY 122 ATGGGAGCTGATCCATCCCTGCTGTACAAACTGCTGACAGACAGATGCTGAGCTA 181
Db 174 ATGGGAGCTGATCCATCCCTGCTGTACAAACTGCTGACAGACAGATGCTGAGCTA 233

QY 182 CCCTAAACCAACACTAGCCTCTCCCTGAGATCCTCCAGGCTGAGAGTTCCTGGGTGT 241
Db 234 CCCTAAACCAACACTAGCCTCTCCCTGAGATCCTCCAGGCTGAGAGTTCCTGGGTGT 293

QY 242 CCTAGGACCAAGGACACTGGCAGACTTCCAGAGGGGCCCCCAAGGCCCTAAGCTGCCAG 301
Db 294 CCTAGGACCAAGGACACTGGCAGACTTCCAGAGGGGCCCCCAAGGCCCTAAGCTGCCAG 353

QY 302 CCAGAGCATGCTCTCAGCAGAGCTGTCTTCCAGAGCTTGTGATGACAAACCAATTTCCC 361
Db 354 CCAGAGCATGCTCTCAGCAGAGCTGTCTTCCAGAGCTTGTGATGACAAACCAATTTCCC 413

QY 362 TCGATGATGCTCTTGTGATGCTCTGCTGAGGAAACAAATGGAGTCTGCCAGCAGAGA 421
Db 414 TCGATGATGCTCTTGTGATGCTCTGCTGAGGAAACAAATGGAGTCTGCCAGCAGAGA 473

Qy	422	AAATCTCTGCCAAGCCCAAGCTTGGATTCCCTCTGCTCCAAGGCCAGGACCTGTGACCATG	481
Db	474	AAATCTCTGCCAAGCCCAAGCTTGGATTCCCTCTGCTCCAAGGCCAGGACCTGTGACCATG	533
Qy	482	GAAGCAGAGAGAAGCAAGGCCACACGCCGTGGCCCTGGGCAGTTTCCCGCAGCGTGGCCCG	541
Db	534	GAAGCAGAGAGAAGCAAGGCCACACGCCGTGGCCCTGGGCAGTTTCCCGCAGCGTGGCCCG	593
Qy	542	GCCGAGCTGTGCTGAGACTCGGGAGCCATTGACCATCGTCTCTGAGGATCGAGACTGG	601
Db	594	GCCGAGCTGTGCTGAGACTCGGGAGCCATTGACCATCGTCTCTGAGGATCGAGACTGG	653
Qy	602	TGGACGGTGTCTGTGAAGTCTCAGGCAGAGAGTATAACATCCCGAGCGTCCACCGTGGCC	661
Db	654	TGGACGGTGTCTGTGAAGTCTCAGGCAGAGAGTATAACATCCCGAGCGTCCACCGTGGCC	713
Qy	662	AAAGTCTCCCATGGGTGGCTGTATGAGGGCCCTGAGCAGGGAGAAACAGAGAACTGCTG	721
Db	714	AAAGTCTCCCATGGGTGGCTGTATGAGGGCCCTGAGCAGGGAGAAACAGAGAACTGCTG	773
Qy	722	TTGTTTACTTGGGAACCTTGGAGGGGCCCTTCTCATCCGGGAGAGCCAGACCAAGGAGAGCC	781
Db	774	TTGTTTACTTGGGAACCTTGGAGGGGCCCTTCTCATCCGGGAGAGCCAGACCAAGGAGAGCC	833
Qy	782	TCCTTA	786
Db	834	TCCTTA	838

RESULT 6
US-09-867-550-953
; Sequence 953, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 953
; LENGTH: 763
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-867-550-953

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RESULT 7
US-10-115-635-120
; Sequence 120, Application US/10115635
; Publication No. US20040137434A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Zhou, Ping
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Ren, Feiyan
; APPLICANT: Zhang, Jie
; APPLICANT: Zhao, Qing A.
; APPLICANT: Xue, Aidong J.
; APPLICANT: Yang, Yonghong
; APPLICANT: Wehrman, Tom
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: Novel Nucleic Acids and
; TITLE OF INVENTION: Polypeptides
; FILE REFERENCE: 797CON
; CURRENT APPLICATION NUMBER: US/10/115,635
; CURRENT FILING DATE: 2002-04-03
; PRIOR APPLICATION NUMBER: 09/714,936
; PRIOR FILING DATE: 2000-11-17
; NUMBER OF SEQ ID NOS: 362
; SOFTWARE: pt_FL_genes Version 2.0
; SEQ ID NO 120
; LENGTH: 1413
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (54) .. (686)
US-10-115-635-120

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RESULT 7
US-10-115-635-120
; Sequence 120, Application US/10115635
; Publication No. US20040137434A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Zhou, Ping
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Ren, Feiyan
; APPLICANT: Zhang, Jie
; APPLICANT: Zhao, Qing A.
; APPLICANT: Xue, Aidong J.
; APPLICANT: Yang, Yonghong
; APPLICANT: Wehrman, Tom
; APPLICANT: Dermanac, Radoje T.
; TITLE OF INVENTION: Novel Nucleic Acids and
; TITLE OF INVENTION: Polypeptides
; FILE REFERENCE: 7976CON
; CURRENT APPLICATION NUMBER: US/10/115,635
; CURRENT FILING DATE: 2002-04-03
; PRIOR APPLICATION NUMBER: 09/714,936
; PRIOR FILING DATE: 2000-11-17
; NUMBER OF SEQ ID NOS: 362
; SOFTWARE: pt_FL_genes Version 2.0
; SEQ ID NO 120
; LENGTH: 1413
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (54) .. (686)
US-10-115-635-120

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; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814,353
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17314
; LENGTH: 320
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-814-353-17314

Query Match      18.0%; Score 213.4; DB 10; Length 320;
Best Local Similarity 95.2%; Pred. No. 3.6e-56;
Matches 220; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 536 GCGCCGGCGGAGCTGCTGAGACTCGGGGAGCCATTGACCATCGTCTCTGAGGATGGA 595
DB 90 GTGCGGGCGGAGCTGCTGAGACTCGGGGAGCCATTGACCATCGTCTCTGAGGATGGA 149

QY 596 GACTGCTGAGCGGTGCTGCTGAAGTCTCAGCAGAGATATAACATCCCGAGCTCCAC 655
DB 150 GACTGCTGAGCGGTGCTGCTGAAGTCTCAGCAGAGATGTAACATCCCGAGCTCCAC 209

QY 656 GTGGGCAAGTCTCCATGGGTGGCTGTATGAGGGCCTGAGCAGGAGAAAGCAGAGAA 715
DB 210 GTGGGCAAGTCTCCATGGGTGGCTGTATGAGGGCCTGAGCAGGAGAAAGCAGAGAA 269

QY 716 CTGCTGTTGTTACCTGGGAACCTCGGAGGGGCTTCTTCATCCGGGAGAGC 766
DB 270 CTGCTGTTGTTACCTGGGAACCTCGATGGGCTTCTTCATCCGGGAGAGC 320

RESULT 14
US-09-954-456-499
; Sequence 499, Application US/09954456
; Patent No. US20020115057A1
; GENERAL INFORMATION:
; APPLICANT: Young, Paul
; TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Cand
; TITLE OF INVENTION: Sets
; FILE REFERENCE: 689290-76
; CURRENT APPLICATION NUMBER: US/09/954,456
; CURRENT FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: US/60/233,617
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US/60/234,052
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: US/60/234,923
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/235,134
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US/60/235,637
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: US/60/235,638
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: US/60/235,711
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,720
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; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,840
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US/60/235,863
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 2276
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 499
; LENGTH: 2665
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-954-456-499

Query Match      13.3%; Score 157.4; DB 9; Length 2665;
Best Local Similarity 54.2%; Pred. No. 2e-38;
Matches 354; Conservative 0; Mismatches 281; Indels 19; Gaps 1;

QY 410 CCCAGCAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCCTCTGTCCAAGCCAGGA 469
DB 24 CCAGGAGAAAGAAAGAAATCCCAATCCACCCCTGCGCTCCGAGAGG 83

QY 470 CCTGTGACCATGGAAGCAGAGAGAGCAAGCCACAGCCGCTGGCCCTGGGAGTTTCCCG 529
DB 84 CCCCTGCCCAACCCGAGGAGACTGGATAGGACTTCCTTGGCTGCTAAGTACTACCCG 143

QY 530 GCAGTGGCCCGCGGAGCTGTGCTGAGACTCGGGGAGCCATTGACCATCGTCTCTGAG 589
DB 144 TCTCTGACATCAGCCCCCGATATTCGCCGAGGGAGAAACTCGGTGTGATTCTGAT 203

QY 590 GATGAGACTGGTGGACGGTGTCTGTAAGTCTCAGCAGAGAGATATAACATCCCGAGC 649
DB 204 GAAGGGGCTGTGGAAAGCTATTTCTTCTAGCACTGGTTCGAGAGAGTTACATCCCTGGA 263

QY 650 GTCCACGTGGCAAGTCTCCCATGGGTGGCTGTATGAGGGCCTCAGCAGGAGAGAAAGCA 709
DB 264 ATATGTGTGGCCAGAGTTTACATGGCTGGCTGTTTGAAGGCTGGGAGAGAGCAAGGCC 323

QY 710 GAGGAATGCTGTTGTTTACCTGGGAACCTCGGAGGGGCTTCTCTCATCCGGAGAGCCAG 769
DB 324 GAGGAGCTGCTGCAGCTGCCAGACACAAGGTTCGGCTCTCTTCATGATCAGAGAGATGAG 383

QY 770 ACCAGAGAGAGCTCTTACTCTCTGTCAGTCCGCTCAGCAGCCCTGCACTCCGGAGCCGG 829
DB 384 ACCAAGAAAGGGTTTACTCACTGTGCTGGAGACACAGGCA-----G 425

QY 830 ATCAGACTACAGGATCCACTGCTTGACATGCTGCTGCTGCTGCTCATCTCACCGGCTC 889
DB 426 GTAAAGCATTTACCGCATTTTCCGCTGCGCAACAACTGGTACTACATTTCCCGAGGCTC 485

QY 890 ACCTTCCCTCACTCCAGGCGCTGTGGACCAATTACTCTGAGCTGGCGGATGACATCTGC 949
DB 486 ACCTTCCAGTGCCTGGAGGACTGTGTGAACCACTATTCTGAGGTGGCTGATGGCCTGTGC 545

QY 950 TGCCTACTCAAGAGCCCTGTGTCTCTGAGAGGGGTGCGCCGCTCCCTGGGAGAGATATA 1009
DB 546 TGTGTCTCAACAGCCCTGCTGACACAAAGCAGCGCTGCCCGCAGCAGTGCAGGCGCTCC 605

QY 1010 CCCCTACTCTGTGACTGTGACAGGAGACACACTCAACTGGAAGAGCTGCAGAC 1062
DB 606 AGCTCACCTGTCACTTCCGCTGAGAAAGACTGTGAGCTGGAGAGAGTGTCCAG 658

RESULT 15
US-10-172-118-1312
; Sequence 1312, Application US/10172118
; Publication No. US20030224374A1
; GENERAL INFORMATION:
; APPLICANT: Dai, Hongyue
; APPLICANT: He, Yudong
; APPLICANT: Linsley, Peter
; APPLICANT: Mao, Mao
; APPLICANT: Roberts, Chris
; APPLICANT: Van 't Veer, Laura
```

Mon Jan 3 11:32:16 2005

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; APPLICANT: Van de Vijver, Marc
; APPLICANT: Bernards, Rene
; TITLE OF INVENTION: Diagnosis and Prognosis of Breast Cancer Patients
; FILE REFERENCE: 9301-175-999
; CURRENT APPLICATION NUMBER: US/10/172,118
; CURRENT FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: 60/380,770
; PRIOR FILING DATE: 2002-05-14
; NUMBER OF SEQ ID NOS: 2699
; SEQ ID NO 1312
; LENGTH: 2665
; TYPE: DNA
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: NM_006748
; DATABASE ENTRY DATE: 2001-06-18
US-10-172-118-1312

Query Match      13.3%; Score 157.4; DB 15; Length 2665;
Best Local Similarity 54.2%; Pred. No. 2e-38;
Matches 354; Conservative 0; Mismatches 281; Indels 18; Gaps 1;

QY 410 CCCAGCAGAGAAATCTCCAGCCAGCTTGAGTTCTCTGTCACAGGCGCAGGGA 469
Db      |||
QY 24  CCAGGGAAGAAAGAAATGGGAACAGCATGAAATCCACCCTGCGCTGCCGAGG 83
Db      |||
QY 470 CCTGTGACCATGGAAGCAGAGAGAGAAAGCAAGCCACAGCCGCTGGCCCTGGGCGAGTTCCCG 529
Db      |||
QY 84  CCCCTGCCCAACCCGGAGGAGCTGGATAGCGACTTCCTTGCCGTGCTAAGTAGACTACCG 143
Db      |||
QY 530 GCAGGTGGCCCGCGCGAGCTGTGCTGAGACTCGGGAGGCCATTGACCATCGTCTCTGAG 589
Db      |||
QY 144 TCTCCTGACATCAGCCGCCGATATTCGCCGAGGGGAGAACTGCGTGTGATTTCTGAT 203
Db      |||
QY 590 GATGAGACTGTGACCGGTGTCTGAGTCTCAGGCAGAGAGATATAACATCCCCAGC 649
Db      |||
QY 204 GAAGGGGGCTGTGGAAGACTATTTCTTAGCACTGTTCGAGAGAGTTACATCCCTGGA 263
Db      |||
QY 650 GTCCACGTGGGCAAGTCTCCATCGGTGGCTGTATGAGGGCCTGAGCGGAGAGAAAGCA 709
Db      |||
QY 264 ATATGTGTGCCAGAGTTTACCATGGCTGGCTGTTTGGAGGGCTGGGCGAGAGCAAGGCC 323
Db      |||
QY 710 GAGGAATCTCTGTTTACCTGGGAACCTCGAGGGGCTTCTCATCCGGGAGAGCCAG 769
Db      |||
QY 324 GAGGAGCTCTGCGAGCTGCCAGACAAAGGTCGGCTCTTTCATGATCAGAGAGAGTGAG 383
Db      |||
QY 770 ACCAGGAGAGGCTCTTACTCTCTGTGAGTCCGCTCAGCCGCTGCAATCCCTGGGACCGG 829
Db      |||
QY 384 ACCAGAGAGGGTTTACTCACTGCTGGTGAGACAGGCA-----G 425
Db      |||
QY 830 ATCAGACACTACAGGATCCACTGCTTGACATGGCTGGCTGATCATCTCACCGGCGCTC 889
Db      |||
QY 426 GTAAAGCATTTACCGCATTTTCCGCTGTCGCGAACAATGGTACTACATTTCCCGAGGCTC 485
Db      |||
QY 890 ACCTTCCCTCACTCCAGGCGCTGTGGACCACTTACTCTGAGCTGGCGGATGACATCTGC 949
Db      |||
QY 486 ACCTTCAGTGCCTGGAGGACCTGGTGACCACTATTCTGAGTGGCTGATGGCTGTGC 545
Db      |||
QY 950 TGCCTACTCAAGAGCGCTGTGTCTGTCAGAGGGCTGGCCCGCTCCCTGGCAGGATATA 1009
Db      |||
QY 546 TGTGTGCTACCAAGCGCTGCCTGACACAAAGCAGCGCTGCCCGCAGCAGTGGAGGCGCTCC 605
Db      |||
QY 1010 CCCCTACTGTGACTGTGAGAGGACACCACTCACTGGAAAGAGCTGGACAG 1062
Db      |||
QY 606 AGCTCACCTGTGCTGCTGAGAGACTGTGGACTGTGGAGAGAGTGTCCAG 658
Db      |||

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OM protein - protein search, using sw model

Run on: December 30, 2004, 16:16:14 ; Search time 24 Seconds
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721.208 Million cell updates/sec

Title: US-09-939-853A-75
Perfect score: 1353
Sequence: 1 MGLSPRRKSLFSPSLSSSV.....RESLFSYISLNDEAVSLDDA 261

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 478139 seqs, 66318000 residues

Total number of hits satisfying chosen parameters: 478139

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	370.5	27.4	512	3 US-08-426-509A-16	Sequence 16, Appl
2	370.5	27.4	512	4 US-08-232-545-16	Sequence 16, Appl
3	370.5	27.4	512	5 PCT-US95-05008-16	Sequence 16, Appl
4	360.5	26.6	505	3 US-08-426-509A-17	Sequence 17, Appl
5	360.5	26.6	505	4 US-08-232-545-17	Sequence 17, Appl
6	360.5	26.6	505	5 PCT-US95-05008-17	Sequence 17, Appl
7	352.5	26.1	504	4 US-09-538-092-1170	Sequence 1170, Ap
8	344.5	25.5	499	3 US-08-426-509A-19	Sequence 19, Appl
9	344.5	25.5	499	4 US-08-232-545-19	Sequence 19, Appl
10	344.5	25.5	499	5 PCT-US95-05008-19	Sequence 19, Appl
11	340	25.1	508	4 US-09-862-154-1	Sequence 1, Appl
12	340	25.1	509	3 US-09-039-555B-17	Sequence 17, Appl
13	340	25.1	509	3 US-08-426-509A-18	Sequence 18, Appl
14	340	25.1	509	3 US-09-457-040B-8	Sequence 8, Appl
15	340	25.1	509	4 US-08-232-545-18	Sequence 18, Appl
16	340	25.1	509	5 PCT-US95-05008-18	Sequence 18, Appl
17	315.5	23.3	536	4 US-09-538-092-859	Sequence 859, App
18	315.5	23.3	537	3 US-08-426-509A-11	Sequence 11, Appl
19	315.5	23.3	537	4 US-08-232-545-11	Sequence 11, Appl
20	315.5	23.3	537	5 PCT-US95-05008-11	Sequence 11, Appl
21	315.5	23.3	543	4 US-08-426-509A-14	Sequence 14, Appl
22	315.5	23.3	543	4 US-08-232-545-14	Sequence 14, Appl
23	315.5	23.3	543	4 US-09-470-881-8	Sequence 8, Appl
24	315.5	23.3	543	4 US-09-538-092-870	Sequence 870, App
25	315.5	23.3	543	5 PCT-US95-05008-14	Sequence 14, Appl
26	313.5	23.2	496	2 US-09-006-675-2	Sequence 2, Appl
27	313.5	23.2	496	3 US-09-228-603A-2	Sequence 2, Appl

28 312.5 23.1 529 3 US-08-426-509A-15 Sequence 15, Appl
29 312.5 23.1 529 4 US-08-232-545-15 Sequence 15, Appl
30 312.5 23.1 529 4 US-09-538-092-885 Sequence 885, App
31 312.5 23.1 529 5 PCT-US95-05008-15 Sequence 15, Appl
32 301 22.2 536 3 US-08-426-509A-12 Sequence 12, Appl
33 301 22.2 536 4 US-08-232-545-12 Sequence 12, Appl
34 301 22.2 536 5 PCT-US95-05008-12 Sequence 12, Appl
35 286.5 21.2 533 4 US-07-820-011A-2 Sequence 2, Appl
36 286.5 21.2 533 4 US-09-470-881-3 Sequence 3, Appl
37 286.5 21.2 533 5 PCT-US93-00445-2 Sequence 2, Appl
38 283.5 21.0 532 1 US-08-594-447-1 Sequence 1, Appl
39 283.5 21.0 532 2 US-08-665-647-1 Sequence 1, Appl
40 278 20.5 98 2 US-08-479-078-7 Sequence 7, Appl
41 276.5 20.4 530 4 US-09-444-711A-4 Sequence 4, Appl
42 276.5 20.4 536 1 US-07-820-011A-4 Sequence 4, Appl
43 276.5 20.4 536 3 US-08-426-509A-13 Sequence 13, Appl
44 276.5 20.4 536 4 US-08-232-545-13 Sequence 13, Appl
45 276.5 20.4 536 4 US-09-444-711A-2 Sequence 2, Appl

ALIGNMENTS

RESULT 1
US-08-426-509A-16
; Sequence 16, Application US/08426509A
; Patent No. 6326469
; GENERAL INFORMATION:
; APPLICANT: Ullrich, Axel
; APPLICANT: Gishizky, Mikhail
; APPLICANT: Sures, Irman G.
; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
; TITLE OF INVENTION: TYROSINE KINASES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York,
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Fast-SEQ Version 2.0
; CURRENT APPLICATION DATA: US/08/426,509A
; APPLICATION NUMBER: US/08/426,509A
; FILING DATE: 21-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/232,545
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7683-0074-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-790-5090
; TELEFAX: 212-869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 512 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: No. 6326469e
US-08-426-509A-16

Query Match 27.4%; Score 370.5; DB 3; Length 512;
Best Local Similarity 39.8%; Pred. No. 2.2e-31;
Matches 80; Conservative 36; Mismatches 76; Indels 9; Gaps 3;

QY 6 SRRKSLPSPSLSSVQGGPVTMEARSKATAVALGSPFAGGPAELSLRLGEPPLTIVSED 65
DB 38 SNKQRPVPE-SQLLPQGRFQTKDPEEQGDIVVALYPYDGIHPDDLSFKKGEMKMLEEH 96
QY 66 GDMWTVLSEVSGREYNIPSVHGVK-----SHGWLVEGLSREKAEELLLPGNPGGAFLIR 121
DB 97 GEWWKAKSLLTKEGFIPTSNVAKLNTLETEEFKDIITRKDAERQLLAPGNSAGAFILR 156
QY 122 ESOTRRGYSLSVRLSPASWDRIHRHRIHCLDNGWLYISPRITFPSPQLQALVDHYSELAD 181
DB 157 ESETLKGSFSLSVDRDFVHGVDINKYKIRSLDNGGYISPRITFPCLSDMIKHVQKQAD 216
QY 182 DICLLKEPCVLQAGPLPGK 202
DB 217 GLCHREKACI-----SPKPOK 233
RESULT 2
PCT-US95-545-16
; Sequence 16, Application US/08232545
; Patent No. 6506578
; GENERAL INFORMATION:
; APPLICANT: Ullrich, Axel
; APPLICANT: Gishizky, Mikhail
; APPLICANT: Sures, Irmann G.
; TITLE OF INVENTION: No. 6506578el Megakaryocytic Protein Tyrosine
; TITLE OF INVENTION: Kinases
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,545
; FILING DATE: 22-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7683-050
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)790-9090
; TELEFAX: (212)869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 512 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; PCT-US95-545-16
Query Match 27.4%; Score 370.5; DB 4; Length 512;
Best Local Similarity 39.8%; Pred. No. 2.2e-31;
Matches 80; Conservative 36; Mismatches 76; Indels 9; Gaps 3;
QY 6 SRRKSLPSPSLSSVQGGPVTMEARSKATAVALGSPFAGGPAELSLRLGEPPLTIVSED 65
DB 38 SNKQRPVPE-SQLLPQGRFQTKDPEEQGDIVVALYPYDGIHPDDLSFKKGEMKMLEEH 96
QY 66 GDMWTVLSEVSGREYNIPSVHGVK-----SHGWLVEGLSREKAEELLLPGNPGGAFLIR 121
DB 97 GEWWKAKSLLTKEGFIPTSNVAKLNTLETEEFKDIITRKDAERQLLAPGNSAGAFILR 156

QY 122 ESOTRRGYSLSVRLSPASWDRIHRHRIHCLDNGWLYISPRITFPSPQLQALVDHYSELAD 181
DB 157 ESETLKGSFSLSVDRDFVHGVDINKYKIRSLDNGGYISPRITFPCLSDMIKHVQKQAD 216
QY 182 DICLLKEPCVLQAGPLPGK 202
DB 217 GLCHREKACI-----SPKPOK 233
RESULT 3
PCT-US95-05008-16
; Sequence 16, Application PC/TUS9505008
; GENERAL INFORMATION:
; APPLICANT: Sugen, Inc.
; APPLICANT: 515 Galveston Drive
; APPLICANT: Redwood City, California 94063-4720
; APPLICANT: United States of America
; APPLICANT: Wissenschaften E.V.
; APPLICANT: Hofgarten Str. 2
; APPLICANT: Munchen 80539
; APPLICANT: Germany
; TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine
; TITLE OF INVENTION: Kinases
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05008
; FILING DATE: 24-APR-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/232,545
; FILING DATE: 22-APR-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7683-074
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)790-9090
; TELEFAX: (212)869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 512 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; PCT-US95-05008-16
Query Match 27.4%; Score 370.5; DB 5; Length 512;
Best Local Similarity 39.8%; Pred. No. 2.2e-31;
Matches 80; Conservative 36; Mismatches 76; Indels 9; Gaps 3;
QY 6 SRRKSLPSPSLSSVQGGPVTMEARSKATAVALGSPFAGGPAELSLRLGEPPLTIVSED 65
DB 38 SNKQRPVPE-SQLLPQGRFQTKDPEEQGDIVVALYPYDGIHPDDLSFKKGEMKMLEEH 96
QY 66 GDMWTVLSEVSGREYNIPSVHGVK-----SHGWLVEGLSREKAEELLLPGNPGGAFLIR 121
DB 97 GEWWKAKSLLTKEGFIPTSNVAKLNTLETEEFKDIITRKDAERQLLAPGNSAGAFILR 156


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GENERAL INFORMATION:
APPLICANT: Giot, Loic
TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
FILE REFERENCE: 15966-542
CURRENT APPLICATION NUMBER: US/09/538,092
CURRENT FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: 60/127,352
PRIOR FILING DATE: 1999-04-01
PRIOR APPLICATION NUMBER: 60/178,965
PRIOR FILING DATE: 2000-02-01
NUMBER OF SEQ ID NOS: 1387
SOFTWARE: CuraPatSeqFormat Version 0.9
SEQ ID NO 1170
LENGTH: 504
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: Polypeptide Accession Number P51451
US-09-538-092-1170

Query Match          26.1%; Score 352.5; DB 4; Length 504;
Best Local Similarity 43.6%; Pred. No. 1.9e-29;
Matches 75; Conservative 24; Mismatches 68; Indels 5; Gaps 2;

QY      25 PVTMEARSKATVALGSPAGGPABLSRLRLGEPLTIIVSEDDGWTVLSEVSGREYNIPS 84
Db      50 PPDEHLEDKHFVVALVDYDTAMNDRDLQMLKGEKLQVLKGTGDMWLARSLVTGREGYVPS 109

QY      85 VHVQKVS-----HGWLVEGLSREKAEELLPLGNPGGAFLIRSESQTRRGSYSLSVLSRPA 140
Db      110 NFVARVESLEMERFFPSQGRKGAERQLLAPINKAGSFILIRESETNKGAFSLVK-DVTT 168

QY      141 SWDRIRHYRIHCLDNGWLYISPLRTPPSLOALVDHYHSELAADDICCLLKPCV 192
Db      169 QGELLKHXYKIRCLDEGGYIISPRITFPSLOALVQHYSHKKGDGGLCQRLTLPCV 220

RESULT 8
US-08-426-509A-19
; Sequence 19, Application US/08426509A
; Patent No. 6326469
; GENERAL INFORMATION:
; APPLICANT: Ullrich,, Axel
; APPLICANT: Gishizsky,, Mikhail
; APPLICANT: Sures,, Imman G.
; TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
; TITLE OF INVENTION: TYROSINE KINASES
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York,
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/426,509A
; FILING DATE: 21-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/232,545
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742

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; REFERENCE/DOCKET NUMBER: 7683-0074-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-790-9090
; TELEFAX: 212-869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 499 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: No. 6326469e
US-08-426-509A-19

Query Match 25.5%; Score 344.5; DB 3; Length 499;
Best Local Similarity 36.0%; Pred. No. 1.4e-28;
Matches 80; Conservative 32; Mismatches 73; Indels 37; Gaps 4;

QY 1 MGSLSRKRSLSPSLSSVQGGPV-----TMEARSK 34
Db 1 MGLSSKQ-----VSEKKGWSEVKIRTDKAPPLPLVFNHLAPSPNQPDDEE 54

QY 35 ATAVAGSFPAGGPAELSLRLGEPLTIIVSEDCDMMTVLSEVSGREYNIPSVHVGKVS--- 91
Db 55 RFVVALFDYAAVNDRLQVLKGEKQLVLRSTGDMWLARSLVTGREGYVPSNFVAPVETLE 114

QY 92 -HGMWLYEGLSREKABELLLPNCNPGAFILRESQTRRGSYSLSVRLSRPASWDRIHYRI 150
Db 115 VEKWFRTISRKDAERQLLAPNKGAFILRESQTRRGSYSLSVRLSRPASWDRIHYRI 173

QY 151 HCLDNGWLYISRLTFFPSLQALVDHYSELADDDICLLKEPCV 192
Db 174 RSLDNGGYIISPRITFTLQALVQHYSKKGDLQCLTLCV 215

RESULT 9
US-08-232-545-19
; Sequence 19, Application US/08232545
; Patent No. 6506578
; GENERAL INFORMATION:
; APPLICANT: Ullrich, Axel
; APPLICANT: Gishizky, Mikhail
; APPLICANT: Sures, Iman G.
; TITLE OF INVENTION: No. 6506578el Megakaryocytic Protein Tyrosine
; TITLE OF INVENTION: Kinases
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,545
; FILING DATE: 22-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7683-050
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)790-9090
; TELEFAX: (212)869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 499 amino acids

; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
US-08-232-545-19

Query Match 25.5%; Score 344.5; DB 4; Length 499;
Best Local Similarity 36.0%; Pred. No. 1.4e-28;
Matches 80; Conservative 32; Mismatches 73; Indels 37; Gaps 4;

QY 1 MGSLSRKRSLSPSLSSVQGGPV-----TMEARSK 34
Db 1 MGLSSKQ-----VSEKKGWSEVKIRTDKAPPLPLVFNHLAPSPNQPDDEE 54

QY 35 ATAVAGSFPAGGPAELSLRLGEPLTIIVSEDCDMMTVLSEVSGREYNIPSVHVGKVS--- 91
Db 55 RFVVALFDYAAVNDRLQVLKGEKQLVLRSTGDMWLARSLVTGREGYVPSNFVAPVETLE 114

QY 92 -HGMWLYEGLSREKABELLLPNCNPGAFILRESQTRRGSYSLSVRLSRPASWDRIHYRI 150
Db 115 VEKWFRTISRKDAERQLLAPNKGAFILRESQTRRGSYSLSVRLSRPASWDRIHYRI 173

QY 151 HCLDNGWLYISRLTFFPSLQALVDHYSELADDDICLLKEPCV 192
Db 174 RSLDNGGYIISPRITFTLQALVQHYSKKGDLQCLTLCV 215

RESULT 10
PCT-US95-05008-19
; Sequence 19, Application PC/TUS9505008
; GENERAL INFORMATION:
; APPLICANT: Sugen, Inc.
; APPLICANT: 515 Galveston Drive
; APPLICANT: Redwood City, California 94063-4720
; APPLICANT: United States of America
; APPLICANT: Wisconsin E.V.
; APPLICANT: Hofgarten Str. 2
; APPLICANT: Munchen 80539
; APPLICANT: Germany
; TITLE OF INVENTION: Novel Megakaryocytic Protein Tyrosine
; TITLE OF INVENTION: Kinases
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/05008
; FILING DATE: 24-APR-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/232,545
; FILING DATE: 22-APR-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7683-074
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)790-9090
; TELEFAX: (212)869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 499 amino acids
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TYPE: amino acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: protein
PCT-US95-05008-19

Query Match 25.5%; Score 344.5; DB 5; Length 499;
Best Local Similarity 36.0%; Pred. No. 1.4e-28;
Matches 80; Conservative 32; Mismatches 73; Indels 37; Gaps 4;

Qy 1 MGLSPSRKSLPSPSLSSVQGGPV-----TMEARSK 34
Db 1 MGLSSKRQ-----VSEKGGKSPVKIRQDKAPPLPLVFNHLPSPNQDDEEE 54
Qy 35 ATAVAGSFAGGPAEISLRGLPELTIVSDGDWTVLSVSGREYNIPSVHVGVKS--- 91
Db 55 RFVVALDYAAVNDRIQLVKGKQLVLRSTGDLWLSRLVTGREGVPSNFVAPVETLE 114
Qy 92 -HGWLYEGLSREKAEELLIPGNGPAGFLIRESOTRGYSLSVLSRPSASWDRIRHYRI 150
Db 115 VEKWFRTISRKDAERQLLAPMKNKAGSLFIRESESNKGAFLSVK-DITTOGEVVKHYKL 173
Qy 151 HCLDNGWLYSPRLTFFSLQALVDHYSELADICLLKEPCV 192
Db 174 RSLDNGGVYISPRITFFLQALVQHYSKGDLGCKLTLPCV 215

RESULT 11
US-09-862-154-1
Sequence 1, Application US/09862154
Patent No. 6589758
GENERAL INFORMATION:
APPLICANT: Zhu, Xiaotian
TITLE OF INVENTION: Crystal of a Kinase-Ligand Complex and Methods of Use
FILE REFERENCE: Atty. Docket No. 6589758: A-749
CURRENT APPLICATION NUMBER: US/09/862,154
CURRENT FILING DATE: 2001-05-21
NUMBER OF SEQ ID NOS: 1
SOFTWARE: Patent in Ver. 2.0
SEQ ID NO 1
LENGTH: 508
TYPE: PRT
ORGANISM: Homo sapiens
US-09-862-154-1

Query Match 25.1%; Score 340; DB 4; Length 508;
Best Local Similarity 40.6%; Pred. No. 4.4e-28;
Matches 73; Conservative 26; Mismatches 71; Indels 10; Gaps 2;

Qy 26 VTMEARSKAT-----AVALGSPAGGPAEISLRGLPELTIVSDGDWTVLSVSGRE 79
Db 48 VTGEGNPPASPLQDNLVIALHSYFSDHGDGLGFEKQRLILEQSGEWKQAQLTTQGE 107
Qy 80 YNIPSVHVGVKS---HGWLYEGLSREKAEELLIPGNGPAGFLIRESOTRGYSLSVR 135
Db 108 GIPIFNFAKANSLPEPEPFKNLSRKAERQLLAPGNTGHSFLIRESESTAGSFSLVR 167
Qy 136 LSRPASWDRIRHYRHCLDNGWLYISPRITFFSLQALVDHYSELADICLLKEPCVLQR 195
Db 168 DFDQNGQGVVVKHYKIRNLNDGGFYISPRITFFGLHVLVRYHYNASDGLCTLRLSRPCQTK 227

RESULT 12
US-09-039-555B-17
Sequence 17, Application US/09039555B
Patent No. 6033856
GENERAL INFORMATION:
APPLICANT: Koerner, Kathrin
APPLICANT: Mueller, Rolf
APPLICANT: Sadlack, Hans-Harald
TITLE OF INVENTION: PROMOTER OF THE CDC25B GENE, ITS
PREPARATION AND USE
NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/039,555B
FILING DATE: 16-MAR-1998
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 19710643.9
FILING DATE: 14-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Bent, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 016779/0131
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 509 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-039-555B-17

Query Match 25.1%; Score 340; DB 3; Length 509;
Best Local Similarity 40.6%; Pred. No. 4.4e-28;
Matches 73; Conservative 26; Mismatches 71; Indels 10; Gaps 2;

Qy 26 VTMEARSKAT-----AVALGSPAGGPAEISLRGLPELTIVSDGDWTVLSVSGRE 79
Db 49 VTGEGNPPASPLQDNLVIALHSYFSDHGDGLGFEKQRLILEQSGEWKQAQLTTQGE 108
Qy 80 YNIPSVHVGVKS---HGWLYEGLSREKAEELLIPGNGPAGFLIRESOTRGYSLSVR 135
Db 109 GIPIFNFAKANSLPEPEPFKNLSRKAERQLLAPGNTGHSFLIRESESTAGSFSLVR 168
Qy 136 LSRPASWDRIRHYRHCLDNGWLYISPRITFFSLQALVDHYSELADICLLKEPCVLQR 195
Db 169 DFDQNGQGVVVKHYKIRNLNDGGFYISPRITFFGLHVLVRYHYNASDGLCTLRLSRPCQTK 228

RESULT 13
US-08-426-509A-18
Sequence 18, Application US/08426509A
Patent No. 6326469
GENERAL INFORMATION:
APPLICANT: Ulrich, Axel
APPLICANT: Gishizky, Mikhail
APPLICANT: Sures, Irman G.
TITLE OF INVENTION: NOVEL MEGAKARYOCYTIC PROTEIN
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York, NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette

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; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/426,509A
; FILING DATE: 21-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/232,545
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7693-0074-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-790-9090
; TELEFAX: 212-869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 509 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
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US-08-426-509A-18
;
Query Match 25.1%; Score 340; DB 3; Length 509;
Best Local Similarity 40.6%; Pred. No. 4.4e-28;
Matches 73; Conservative 26; Mismatches 71; Indels 10; Gaps 2;

QY 26 VTMEARSKAT-----AVALGSFPAGGPAELSLRLGEPPLTIVSDGDWWTVLSEVSGRE 79
Db 49 VTYESNPPASPLQDNLVIALHSYEPSHDGLGFEKGQRLILEQSGEWKQAQSLTTQOE 108
QY 80 YNIPSVHVKVS-----HGWLYEGLSREKAEELLILPGNPGGAFLIREQTRRGYSLSVR 135
Db 109 GFIPFNFVAKANLEPEPWFKNLSRKDAERQLLAPGNTHGSFLIRESESTAGSFSLVR 168
QY 136 LSRPASWDRIHRHYRICHLDNGWLYISPRITPSPQLQALVDHYSELADDCILCKEPCVLQR 195
Db 169 DFDQNGQEVVHXKIRNLNDGGFYISPRITPGLHELVRHYTNASDGLCTLRSRQCOTQK 228

RESULT 14
US-09-457-040B-8
; Sequence 8, Application US/09457040B
; Patent No. 6387641
; GENERAL INFORMATION:
; APPLICANT: Vertex Pharmaceuticals Incorporated
; APPLICANT: Bellon, Steve
; TITLE OF INVENTION: Crystallized P38 Complexes
; FILE REFERENCE: VPI/98-14
; CURRENT APPLICATION NUMBER: US/09/457,040B
; CURRENT FILING DATE: 1999-12-08
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 509
; TYPE: PRT
; ORGANISM: Human
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US-09-457-040B-8
;
Query Match 25.1%; Score 340; DB 3; Length 509;
Best Local Similarity 40.6%; Pred. No. 4.4e-28;
Matches 73; Conservative 26; Mismatches 71; Indels 10; Gaps 2;

QY 26 VTMEARSKAT-----AVALGSFPAGGPAELSLRLGEPPLTIVSDGDWWTVLSEVSGRE 79
Db 49 VTYESNPPASPLQDNLVIALHSYEPSHDGLGFEKGQRLILEQSGEWKQAQSLTTQOE 108
QY 80 YNIPSVHVKVS-----HGWLYEGLSREKAEELLILPGNPGGAFLIREQTRRGYSLSVR 135
Db 109 GFIPFNFVAKANLEPEPWFKNLSRKDAERQLLAPGNTHGSFLIRESESTAGSFSLVR 168

QY 136 LSRPASWDRIHRHYRICHLDNGWLYISPRITPSPQLQALVDHYSELADDCILCKEPCVLQR 195
Db 169 DFDQNGQEVVHXKIRNLNDGGFYISPRITPGLHELVRHYTNASDGLCTLRSRQCOTQK 228

Query Match 25.1%; Score 340; DB 4; Length 509;
Best Local Similarity 40.6%; Pred. No. 4.4e-28;
Matches 73; Conservative 26; Mismatches 71; Indels 10; Gaps 2;

QY 26 VTMEARSKAT-----AVALGSFPAGGPAELSLRLGEPPLTIVSDGDWWTVLSEVSGRE 79
Db 49 VTYESNPPASPLQDNLVIALHSYEPSHDGLGFEKGQRLILEQSGEWKQAQSLTTQOE 108
QY 80 YNIPSVHVKVS-----HGWLYEGLSREKAEELLILPGNPGGAFLIREQTRRGYSLSVR 135
Db 109 GFIPFNFVAKANLEPEPWFKNLSRKDAERQLLAPGNTHGSFLIRESESTAGSFSLVR 168
QY 136 LSRPASWDRIHRHYRICHLDNGWLYISPRITPSPQLQALVDHYSELADDCILCKEPCVLQR 195
Db 169 DFDQNGQEVVHXKIRNLNDGGFYISPRITPGLHELVRHYTNASDGLCTLRSRQCOTQK 228

Search completed: December 30, 2004, 18:00:13
Job time : 26 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: December 30, 2004, 17:48:14 ; Search time 532 Seconds
(without alignments)
176.483 Million cell updates/sec

Title: US-09-939-853A-75
Perfect score: 1353
Sequence: 1 MGSUPSRKSLPSPSSSV.....RESLFIYSLNDEAVSLDDA 261

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1599051 seqs, 359727711 residues

Total number of hits satisfying chosen parameters: 1599051

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

- Database : Published Applications AA:*
- 1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
 - 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
 - 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
 - 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
 - 5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
 - 6: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
 - 7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
 - 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
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 - 12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
 - 13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
 - 14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
 - 15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
 - 16: /cgn2_6/ptodata/2/pubpaa/US10D_PUBCOMB.pep.*
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 - 18: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep.*
 - 19: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
 - 20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1353	100.0	261	11	US-09-939-853A-75
2	1347	99.6	261	11	Sequence 75, Appl
3	1347	99.6	261	14	US-09-939-853A-77
4	1347	99.6	261	14	Sequence 77, Appl
5	1036	76.6	197	11	US-10-432-746A-5
6	1028	76.0	259	16	US-09-939-853A-78
7	934.5	69.1	210	16	US-10-432-746A-3
8	826	61.0	159	9	US-10-432-746A-7
9	747.5	55.2	179	11	US-09-867-550-954
10	586	43.3	113	9	US-09-939-853A-79
11	491.5	36.3	281	11	US-09-867-550-1916
12	481.5	35.6	276	9	US-09-939-853A-80
13	481.5	35.6	276	10	US-09-870-759-64
					Sequence 64, Appl
					Sequence 64, Appl

14	481.5	35.6	276	11	US-09-939-853A-81
15	481.5	35.6	276	14	US-10-043-649-3
16	481.5	35.6	276	17	US-10-428-817A-60
17	452.5	33.4	96	9	US-09-867-550-952
18	370.5	27.4	511	14	US-10-394-322A-42
19	370.5	27.4	512	9	US-09-977-269-16
20	370.5	27.4	512	9	US-09-977-260-16
21	370.5	27.4	512	10	US-09-977-261-16
22	370.5	27.4	512	14	US-10-116-275-162
23	370.5	27.4	512	16	US-10-755-889-270
24	360.5	26.6	505	9	US-09-977-269-17
25	360.5	26.6	505	10	US-09-977-260-17
26	360.5	26.6	505	10	US-09-977-261-17
27	360.5	26.6	505	15	US-10-193-720-2
28	360.5	26.6	505	16	US-10-755-889-262
29	360.5	26.6	526	14	US-10-276-633-3
30	360.5	26.6	526	14	US-10-394-322A-31
31	352.5	26.1	504	14	US-10-394-322A-4
32	352.5	26.1	505	9	US-09-771-161A-186
33	348	25.7	509	14	US-10-366-288-28
34	344.5	25.5	499	9	US-09-977-269-19
35	344.5	25.5	499	9	US-09-977-260-19
36	344.5	25.5	499	10	US-09-977-261-19
37	340	25.1	437	9	US-09-808-020-39
38	340	25.1	508	14	US-10-394-322A-41
39	340	25.1	508	17	US-10-738-156-1
40	340	25.1	509	9	US-09-977-269-18
41	340	25.1	509	9	US-09-977-260-18
42	340	25.1	509	10	US-09-977-261-18
43	340	25.1	509	14	US-10-212-346-1
44	337	24.9	567	9	US-09-805-020-40
45	322.5	23.8	454	9	US-09-771-161A-95

ALIGNMENTS

RESULT 1

US-09-939-853A-75
; Sequence 75, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 75
; LENGTH: 261
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-939-853A-75

Query Match	100.0%	Score 1353;	DB 11;	Length 261;
Best Local Similarity	100.0%	Pred. No. 1.4e-121;		
Matches 261;	Conservative	0;	Mismatches	0;
			Indels	0;
			Gaps	0;
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Db	1	MGSUPSRKSLPSPSSSV	CGQVPTWEARSKATAVALGSPAGGPAELSLRLGEPLT	60
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Db 61 IVSEGDGWTVTLSVSGREYNIPSVHVGKSHGWLVEGLSREKAELELLLPNGPGAFLLI 120
Qy 121 RESQTRRGYSLSVRLSRPASWDRIHRYIHCLDNGWLVIYSPRLTTPPSLQALVDHYSELA 180
Db 121 RESQTRRGYSLSVRLSRPASWDRIHRYIHCLDNGWLVIYSPRLTTPPSLQALVDHYSELA 180
Qy 181 DDICLLKEPCVLQKAGPLPGKDIPLVTVQRTPLNWKELDSSLFSEAAATGEESLLSEG 240
Db 181 DDICLLKEPCVLQKAGPLPGKDIPLVTVQRTPLNWKELDSSLFSEAAATGEESLLSEG 240
Qy 241 LRESLSFYISLNDEAVSLDDA 261
Db 241 LRESLSFYISLNDEAVSLDDA 261

RESULT 2
US-09-939-853A-77
; Sequence 77, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 77
; LENGTH: 261
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-939-853A-77

Query Match 99.6%; Score 1347; DB 11; Length 261;
Best Local Similarity 99.6%; Pred. No. 5.2e-121;
Matches 260; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MGSLSRRKSLSPSLSSVQGGPVTMEAEERSKATAVALGSPAGGPAELSLRLGEPLT 60
Db 1 MGSLSRRKSLSPSLSSVQGGPVTMEAEERSKATAVALGSPAGGPAELSLRLGEPLT 60
Qy 61 IVSEGDGWTVTLSVSGREYNIPSVHVGKSHGWLVEGLSREKAELELLLPNGPGAFLLI 120
Db 61 IVSEGDGWTVTLSVSGREYNIPSVHVGKSHGWLVEGLSREKAELELLLPNGPGAFLLI 120
Qy 121 RESQTRRGYSLSVRLSRPASWDRIHRYIHCLDNGWLVIYSPRLTTPPSLQALVDHYSELA 180
Db 121 RESQTRRGYSLSVRLSRPASWDRIHRYIHCLDNGWLVIYSPRLTTPPSLQALVDHYSELA 180
Qy 181 DDICLLKEPCVLQKAGPLPGKDIPLVTVQRTPLNWKELDSSLFSEAAATGEESLLSEG 240
Db 181 DDICLLKEPCVLQKAGPLPGKDIPLVTVQRTPLNWKELDSSLFSEAAATGEESLLSEG 240
Qy 241 LRESLSFYISLNDEAVSLDDA 261
Db 241 LRESLSFYISLNDEAVSLDDA 261

RESULT 3
US-10-043-649-2
; Sequence 2, Application US/10043649
; Publication No. US20030059924A1
; GENERAL INFORMATION:
; APPLICANT: Holland, Sacha J.
; APPLICANT: Mendenhall, Marcy K.

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; APPLICANT: Pardo, Jorge
; APPLICANT: Spencer, Collin
; APPLICANT: Fu, C. Alan
; APPLICANT: Luo, Ying
; APPLICANT: Pavan, Donald G.
; APPLICANT: Mancebo, Helena S.Y.
; APPLICANT: Wu, Jun
; APPLICANT: Zhou, Xiulan
; APPLICANT: Shen, Mary
; APPLICANT: Liao, X. Charlene
; APPLICANT: Sheng, Ning
; TITLE OF INVENTION: Cloning of a No. US20030059924A1el Inhibitor of Antigen-receptor ;
; FILE REFERENCE: A-70219-1/RMS/DHR
; CURRENT APPLICATION NUMBER: US/10/043,649
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/260,953
; PRIOR FILING DATE: 2001-01-10
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 2
; LENGTH: 261
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-043-649-2

Query Match 99.6%; Score 1347; DB 14; Length 261;
Best Local Similarity 99.6%; Pred. No. 5.2e-121;
Matches 260; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MGSLSRRKSLSPSLSSVQGGPVTMEAEERSKATAVALGSPAGGPAELSLRLGEPLT 60
Db 1 MGSLSRRKSLSPSLSSVQGGPVTMEAEERSKATAVALGSPAGGPAELSLRLGEPLT 60
Qy 61 IVSEGDGWTVTLSVSGREYNIPSVHVGKSHGWLVEGLSREKAELELLLPNGPGAFLLI 120
Db 61 IVSEGDGWTVTLSVSGREYNIPSVHVGKSHGWLVEGLSREKAELELLLPNGPGAFLLI 120
Qy 121 RESQTRRGYSLSVRLSRPASWDRIHRYIHCLDNGWLVIYSPRLTTPPSLQALVDHYSELA 180
Db 121 RESQTRRGYSLSVRLSRPASWDRIHRYIHCLDNGWLVIYSPRLTTPPSLQALVDHYSELA 180
Qy 181 DDICLLKEPCVLQKAGPLPGKDIPLVTVQRTPLNWKELDSSLFSEAAATGEESLLSEG 240
Db 181 DDICLLKEPCVLQKAGPLPGKDIPLVTVQRTPLNWKELDSSLFSEAAATGEESLLSEG 240
Qy 241 LRESLSFYISLNDEAVSLDDA 261
Db 241 LRESLSFYISLNDEAVSLDDA 261

RESULT 4
US-10-432-746A-5
; Sequence 5, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: Loreto, Michael
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 5
; LENGTH: 261
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-432-746A-5

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Query Match 99.6%; Score 1347; DB 16; Length 261;
Best Local Similarity 99.6%; Pred. No. 5.2e-121;
Matches 260; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 MGSLSRKRKSLPSPSLSSVQGGPVTMEASRSKATAVALGSPAGGPAELSLRLGEPLT 60
Db 1 MGSLSRKRKSLPSPSLSSVQGGPVTMEASRSKATAVALGSPAGGPAELSLRLGEPLT 60

Qy 61 IVSEDDGWMTVLSEVSGREYNIPSVHGVKSHGWLVEGLSREKAEELLLPFGNPGGAFLI 120
Db 61 IVSEDDGWMTVLSEVSGREYNIPSVHGVKSHGWLVEGLSREKAEELLLPFGNPGGAFLI 120

Qy 121 RESQTRGYSLSVRLSRPASWDRIHYRIHCLDNGWLYISPRITFTPSLQALVDHYSELA 180
Db 121 RESQTRGYSLSVRLSRPASWDRIHYRIHCLDNGWLYISPRITFTPSLQALVDHYSELA 180

Qy 181 DDICLLKEPCVLQAGPLPKGDIPLPVTQVORTPLNWKELDSSLFSEAATGESLLSEG 240
Db 181 DDICLLKEPCVLQAGPLPKGDIPLPVTQVORTPLNWKELDSSLFSEAATGESLLSEG 240

Qy 241 LRESLSFYISLNDEAVSLDDA 261
Db 241 LRESLSFYISLNDEAVSLDDA 261

RESULT 5
US-09-939-853A-78
; Sequence 78, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1elel Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 197
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-939-853A-78

Query Match 76.6%; Score 1036; DB 11; Length 197;
Best Local Similarity 99.5%; Pred. No. 3e-91;
Matches 196; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 65 DGDWMTVLSEVSGREYNIPSVHGVKSHGWLVEGLSREKAEELLLPQNGGAFLIRESQ 124
Db 1 DGDWMTVLSEVSGREYNIPSVHGVKSHGWLVEGLSREKAEELLLPQNGGAFLIRESQ 60

Qy 125 TRRGSYSLSVRLSRPASWDRIHYRIHCLDNGWLYISPRITFTPSLQALVDHYSELAADDIC 184
Db 61 TRRGSYSLSVRLSRPASWDRIHYRIHCLDNGWLYISPRITFTPSLQALVDHYSELAADDIC 120

Qy 185 CLLKEPCVLQAGPLPKGDIPLPVTQVORTPLNWKELDSSLFSEAATGESLLSEGRLRES 244
Db 121 CLLKEPCVLQAGPLPKGDIPLPVTQVORTPLNWKELDSSLFSEAATGESLLSEGRLRES 180

Qy 245 LSFYISLNDEAVSLDDA 261
Db 181 LSFYISLNDEAVSLDDA 197

RESULT 6
US-10-432-746A-3
; Sequence 3, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: Loreto, Michael
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 259
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-432-746A-3

Query Match 76.0%; Score 1028; DB 16; Length 259;
Best Local Similarity 79.4%; Pred. No. 2.6e-90;
Matches 208; Conservative 16; Mismatches 34; Indels 4; Gaps 3;

Qy 1 MGSLSRKRKSLPSPSLSSVQGGPVTMEASRSKATAVALGSPAGGPAELSLRLGEPLT 60
Db 1 MGSLSRKRKSLPSPSLSSVQGGPVTMEASRSKATAVALGSPAGGPAELSLRLGEPLT 59

Qy 61 IVSEDDGWMTVLSEVSGREYNIPSVHGVKSHGWLVEGLSREKAEELLLPFGNPGGAFLI 120
Db 61 IVSEDDGWMTVLSEVSGREYNIPSVHGVKSHGWLVEGLSREKAEELLLPFGNPGGAFLI 119

Qy 121 RESQTRGYSLSVRLSRPASWDRIHYRIHCLDNGWLYISPRITFTPSLQALVDHYSELA 180
Db 121 RESQTRGYSLSVRLSRPASWDRIHYRIHCLDNGWLYISPRITFTPSLQALVDHYSELA 179

Qy 181 DDICLLKEPCVLQAGPLPKGDIPLPVTQVORTPLNWKELDSSLFSEA-ATGESLLSE 239
Db 181 DDICLLKEPCVLQAGPLPKGDIPLPVTQVORTPLNWKELDSSLFSEA-ATGESLLSE 239

Qy 240 GLRESLSFYISLNDEAVSLDDA 261
Db 240 GLRESLSFYISLNDEAVSLDDA 259

RESULT 7
US-10-432-746A-7
; Sequence 7, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: Loreto, Michael
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-432-746A-7

Query Match 69.1%; Score 934.5; DB 16; Length 210;
Best Local Similarity 88.9%; Pred. No. 1.9e-81;

Matches 184; Conservative 3; Mismatches 13; Indels 7; Gaps 1;

QY 1 MGSLSRRKSLSPSLSSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEPIT 60
Db 1 MGSLSRRKSLSPSLSSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEPIT 60
QY 61 IVSEDDGDMWTVLSEVSGREYNIPSVHVGVKSHGWLVEGLSREKABELLLPGNPGGAFLI 120
Db 61 IVSEDDGDMWTVLSEVSGREYNIPSVHVGVKSHGWLVEGLSREKABELLLPGNPGGAFLI 120
QY 121 RESQTRRGYSLSVLSRSPASWDRIHRYIHCLDNGWLYISPRITFPSLQALVDHYSE-- 178
Db 121 RESQTRRGYSLSVLSRSPASWDRIHRYIHCLDNGWLYISPRITFPSLQALVDHYSEGW 180
QY 179 -----LADDICCLLKPCVLRAGPLP 200
Db 181 PAPQGVPTPTCDCAEDTTOLERAGQLP 207

RESULT 8
US-09-867-550-954
; Sequence 954, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 954
; LENGTH: 159
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-867-550-954

Query Match 61.0%; Score 826; DB 9; Length 159;
Best Local Similarity 99.4%; Pred. No. 3.7e-71;
Matches 158; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MGSLSRRKSLSPSLSSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEPIT 60
Db 1 MGSLSRRKSLSPSLSSVQGGPVTMEARSKATAVALGSPAGGPAELSLRLGEPIT 60
QY 61 IVSEDDGDMWTVLSEVSGREYNIPSVHVGVKSHGWLVEGLSREKABELLLPGNPGGAFLI 120
Db 61 IVSEDDGDMWTVLSEVSGREYNIPSVHVGVKSHGWLVEGLSREKABELLLPGNPGGAFLI 120
QY 121 RESQTRRGYSLSVLSRSPASWDRIHRYIHCLDNGWLYISPRITFPSLQALVDHYSE 159
Db 121 RESQTRRGYSLSVLSRSPASWDRIHRYIHCLDNGWLYISPRITFPSLQALVDHYSEGW 159

RESULT 9
US-09-939-853A-79
; Sequence 79, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1 Polynucleotides and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25

; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 79
; LENGTH: 179
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-939-853A-79

Query Match 55.2%; Score 747.5; DB 11; Length 179;
Best Local Similarity 81.8%; Pred. No. 1.5e-63;
Matches 148; Conservative 11; Mismatches 19; Indels 3; Gaps 2;

QY 82 IPSVHVGVKSHGWLVEGLSREKABELLLPGNPGGAFLIRESQTRRGYSLSVLSRSPAS 141
Db 1 MPSVVVAKVAGHWLYEGLSREKABELLLPGNPGGAFLIRESQTRRGYSLSVLSRSPAS 60
QY 142 WDRIRHYRIHCLDNGWLYISPRITFPSLQALVDHYSELADDDICLLKPCVLRAGPLPG 201
Db 61 WDRIRHYRIHCLDNGWLYISPRITFPSLQALVDHYSELADDDICLLKPCVLRAGPLPG 120
QY 202 KDIPLPVTQRTPLNWKELDSLLFSEA-ATGEESLSSEGLRESLSFYISLNDEAVSLDD 260
Db 121 KDTPTPTVPTSSLNWKKLDRSLFLFLEAPASGEASLLSEGLRESLSFYISLAED--PLDD 178
QY 261 A 261
Db 179 A 179

RESULT 10
US-09-867-550-1916
; Sequence 1916, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1916
; LENGTH: 113
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)
; OTHER INFORMATION: Wherein Xaa may be any one of Arg or Gly or Trp
US-09-867-550-1916

Query Match 43.3%; Score 586; DB 9; Length 113;
Best Local Similarity 100.0%; Pred. No. 2.9e-48;
Matches 112; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 150 IHCLDNGWLYISPRITFPSLQALVDHYSELADDDICLLKPCVLRAGPLPGKIDPLPVT 209
Db 2 IHCLDNGWLYISPRITFPSLQALVDHYSELADDDICLLKPCVLRAGPLPGKIDPLPVT 61
QY 210 VQRTPLNWKELDSLLFSEAATGEESLSSEGLRESLSFYISLNDEAVSLDDA 261

Db 62 VORTPLNWKELDSLLFSEAATGSELSLSEGLRESLSFYISLNDSEAVSLDDA 113

RESULT 11

US-09-939-853A-80

Query Match 36.3%; Score 491.5; DB 11; Length 281;
Best Local Similarity 43.6%; Pred. No. 1.2e-38;
Matches 115; Conservative 38; Mismatches 82; Indels 29; Gaps 7;

Sequence 80, Application US/09939853A
Publication No. US20040039163A1
GENERAL INFORMATION:
APPLICANT: Burgess et al.
TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
CURRENT APPLICATION NUMBER: US/09/939,853A
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: 60/228,191
PRIOR FILING DATE: 2000-08-25
PRIOR APPLICATION NUMBER: 60/267,300
PRIOR FILING DATE: 2001-02-08
PRIOR APPLICATION NUMBER: 60/269,961
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 60/277,337
PRIOR FILING DATE: 2001-03-20
NUMBER OF SEQ ID NOS: 159
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 80
LENGTH: 281
TYPE: PRT
ORGANISM: Mus musculus

US-09-939-853A-80

Query Match 36.3%; Score 491.5; DB 11; Length 281;
Best Local Similarity 43.6%; Pred. No. 1.2e-38;
Matches 115; Conservative 38; Mismatches 82; Indels 29; Gaps 7;

QY 9 KSLRPS---LSSVQGGPVTMEARSKATAVALGSPAGPAELSLRLGELPTIVSED 65
DB 6 KSTSPSERPLSS-----EGLESDFLAV-LTDFSPDISPPIFRGKELRVISDE 55

QY 66 GDMVTVLSEVSGREYNIPSVHGVKSHGWLVEGLSREKAEELLLPGNPGGAFLIRESQT 125
DB 56 GGMWKAISLSTGRESYIPGICVARVYHGWLFEGLRDKAEELLQLPDTKIGSFMIRESSET 115

QY 126 RRGYSLSVRLSRPASWDRIHRYIHCLDNGWLVIISPRLTTPPSLQALVDHYSELADICC 185
DB 116 KKGFSLSVR-----HRQVKHYRIFRLPNNWYIISPRLTFCQLEDLVHYSEVADGLCC 169

QY 186 LLKEPCVLQR-----AGPLGKDIPLVTVQRTPLNWKELDSLLFSEAATG-----EESL 236
DB 170 VLTTPLCAQNPAPTSPHSPCTSPGSPVTLRQKTFDKRVRKLRQSGSEGAENPLRVDESL 229

QY 237 LSEGLRESLSFYISL-NDEAVSLD 259
DB 230 PSYGLRESIASVLSLTGDDSSFD 253

RESULT 12

US-09-870-759-64

Query Match 35.6%; Score 481.5; DB 9; Length 276;
Best Local Similarity 40.3%; Pred. No. 1.1e-37;
Matches 102; Conservative 43; Mismatches 85; Indels 23; Gaps 4;

Sequence 64, Application US/09870759
Patent No. US20020177551A1
GENERAL INFORMATION:
APPLICANT: TERMAN, David S
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE
CURRENT APPLICATION NUMBER: US/09/870,759
CURRENT FILING DATE: 2002-01-14
PRIOR APPLICATION NUMBER: US 60/208,128
PRIOR FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 166
SOFTWARE: PatentIn version 3.1
SEQ ID NO 64
LENGTH: 276
TYPE: PRT
ORGANISM: Homo sapiens

US-09-870-759-64

Query Match 35.6%; Score 481.5; DB 9; Length 276;
Best Local Similarity 40.3%; Pred. No. 1.1e-37;
Matches 102; Conservative 43; Mismatches 85; Indels 23; Gaps 4;

QY 9 KSLPSPSLSSVQGGPVTMEARSKATAVALGSPAGPAELSLRLGELPTIVSEDGDM 68
DB 6 KSTPAPA-----ERPLNPEGLDSDFLAVLSDPSPDISPPIFRGKELRVISDEGDM 58

QY 69 WTVLSEVSGREYNIPSVHGVKSHGWLVEGLSREKAEELLLPGNPGGAFLIRESQTRRG 128
DB 59 WKAISLSTGRESYIPGICVARVYHGWLFEGLRDKAEELLQLPDTKIGSFMIRESSETKKG 118

QY 129 SYSLSVRLSRPASWDRIHRYIHCLDNGWLVIISPRLTTPPSLQALVDHYSELADICCCLK 188
DB 119 FYSLSVR-----HRQVKHYRIFRLPNNWYIISPRLTFCQLEDLVHYSEVADGLCCVLT 172

QY 189 EPCVLQRAGPLPGKDIPLVTVQRTPLNWKELDSLLFSEAATG-----EESLSSEGL 241
DB 173 TPCLTQSTAPAVRASSPVTLRQKTVDMRVR---LQEDPEGTENPLGVDESLSFYGL 229

QY 242 RESLSFYISLND 254
DB 230 RESIASVLSLTSE 242

RESULT 13

US-09-751-708A-64

Query Match 35.6%; Score 481.5; DB 10; Length 276;
Best Local Similarity 40.3%; Pred. No. 1.1e-37;
Matches 102; Conservative 43; Mismatches 85; Indels 23; Gaps 4;

Sequence 64, Application US/09751708A
Publication No. US20030157113A1
GENERAL INFORMATION:
APPLICANT: TERMAN, David S
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATMENT OF NEOPLASTIC DISEASE
CURRENT APPLICATION NUMBER: US/09/751,708A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: US 60/173,371
PRIOR FILING DATE: 1999-12-28
NUMBER OF SEQ ID NOS: 166
SOFTWARE: PatentIn version 3.1
SEQ ID NO 64
LENGTH: 276
TYPE: PRT
ORGANISM: Homo sapiens

US-09-751-708A-64

Query Match 35.6%; Score 481.5; DB 10; Length 276;
Best Local Similarity 40.3%; Pred. No. 1.1e-37;
Matches 102; Conservative 43; Mismatches 85; Indels 23; Gaps 4;

QY 9 KSLPSPSLSSVQGGPVTMEARSKATAVALGSPAGPAELSLRLGELPTIVSEDGDM 68
DB 6 KSTPAPA-----ERPLNPEGLDSDFLAVLSDPSPDISPPIFRGKELRVISDEGDM 58

QY 69 WTVLSEVSGREYNIPSVHGVKSHGWLVEGLSREKAEELLLPGNPGGAFLIRESQTRRG 128
DB 59 WKAISLSTGRESYIPGICVARVYHGWLFEGLRDKAEELLQLPDTKIGSFMIRESSETKKG 118

QY 129 SYSLSVRLSRPASWDRIHRYIHCLDNGWLVIISPRLTTPPSLQALVDHYSELADICCCLK 188
DB 119 FYSLSVR-----HRQVKHYRIFRLPNNWYIISPRLTFCQLEDLVHYSEVADGLCCVLT 172

QY 189 EPCVLQRAGPLPGKDIPLVTVQRTPLNWKELDSLLFSEAATG-----EESLSSEGL 241
DB 173 TPCLTQSTAPAVRASSPVTLRQKTVDMRVR---LQEDPEGTENPLGVDESLSFYGL 229

QY 242 RESLSFYISLND 254
DB 230 RESIASVLSLTSE 242

RESULT 14

US-09-939-853A-81
; Sequence 81, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939, 853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 276
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-939-853A-81

Query Match 35.6%; Score 481.5; DB 11; Length 276;
Best Local Similarity 40.3%; Pred. No. 1.1e-37;
Matches 102; Conservative 43; Mismatches 85; Indels 23; Gaps 4;

QY	9	KSLPSPSLSSSVQGGPVTMEAEERSKATAVALGSPAGGPAELSLRLGELPTIVSEGDGW	68
DB	6	KSTPAPA-----ERLPNPEGLSDFLAVLSDYPSDIPSPPIFRGEKLRVISDEGGW	58
QY	69	WTVLSEVSGREYNIPSVHGVKSHGWLVEGLSREKAEELLLLPGNPGGAFLIRESQTRRG	128
DB	59	WKAISLSTGRESYIPGICVARVYHGWLFEGGLGRDKAEELLQLPDTKVGSPMIRESETKKG	118
QY	129	SYSLSVRLSRPASWDRIHRYHICLDNGWLVIYSPRLTFPSLQALVDHYSELADDCCLLK	188
DB	119	FYLSLVR-----HRQVKHYRIFRLPNNWYIISPRITFCLEDLVNHISEVADGLCCVLT	172
QY	189	EPCVLQAGPLPGKDIPLPVTQRTPLNWKELDSLLFSEAATG-----EESLLSEGL	241
DB	173	TPCLTQSTAAPAVRASSPVTLRQKTVDWRRVSR---LQEDPEGTENPLGVDESLSFSYGL	229
QY	242	RESLSFYISLNDE	254
DB	230	RESIASYLSLTSE	242

Search completed: December 30, 2004, 18:13:20
Job time : 540 secs

US-09-939-853A-81
; Sequence 81, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939, 853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 276
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-939-853A-81

Query Match 35.6%; Score 481.5; DB 11; Length 276;
Best Local Similarity 40.3%; Pred. No. 1.1e-37;
Matches 102; Conservative 43; Mismatches 85; Indels 23; Gaps 4;

QY	9	KSLPSPSLSSSVQGGPVTMEAEERSKATAVALGSPAGGPAELSLRLGELPTIVSEGDGW	68
DB	6	KSTPAPA-----ERLPNPEGLSDFLAVLSDYPSDIPSPPIFRGEKLRVISDEGGW	58
QY	69	WTVLSEVSGREYNIPSVHGVKSHGWLVEGLSREKAEELLLLPGNPGGAFLIRESQTRRG	128
DB	59	WKAISLSTGRESYIPGICVARVYHGWLFEGGLGRDKAEELLQLPDTKVGSPMIRESETKKG	118
QY	129	SYSLSVRLSRPASWDRIHRYHICLDNGWLVIYSPRLTFPSLQALVDHYSELADDCCLLK	188
DB	119	FYLSLVR-----HRQVKHYRIFRLPNNWYIISPRITFCLEDLVNHISEVADGLCCVLT	172
QY	189	EPCVLQAGPLPGKDIPLPVTQRTPLNWKELDSLLFSEAATG-----EESLLSEGL	241
DB	173	TPCLTQSTAAPAVRASSPVTLRQKTVDWRRVSR---LQEDPEGTENPLGVDESLSFSYGL	229
QY	242	RESLSFYISLNDE	254
DB	230	RESIASYLSLTSE	242

RESULT 15
US-10-043-649-3
; Sequence 3, Application US/10043649
; Publication No. US20030059924A1
; GENERAL INFORMATION:
; APPLICANT: Holland, Sacha J.
; APPLICANT: Mendenhall, Marcy K.
; APPLICANT: Pardo, Jorge
; APPLICANT: Spencer, Collin
; APPLICANT: Fu, C. Alan
; APPLICANT: Luo, Ying
; APPLICANT: Pavan, Donald G.
; APPLICANT: Mancebo, Helena S.Y.
; APPLICANT: Wu, Jun
; APPLICANT: Zhou, Xiulan
; APPLICANT: Shen, Mary
; APPLICANT: Liao, X. Charlene
; APPLICANT: Sheng, Ning
; TITLE OF INVENTION: Cloning of a No. US20030059924A1el Inhibitor of Antigen-receptor
; FILE REFERENCE: A-70219-1/AMS/DHR
; CURRENT APPLICATION NUMBER: US/10/043,649
; CURRENT FILING DATE: 2002-01-10

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OM protein - nucleic search, using frame_plus_p2n model

Run on: December 30, 2004, 18:00:09 ; Search time 102 Seconds
(without alignments)
1818.783 Million cell updates/sec

Title: US-09-939-853A-75
Perfect score: 1353
Sequence: 1 MGSUPRRKSLPSPSLSSV.....RESLSFYISLNDEAVSLDDA 261

Scoring table: BLOSUM62

Xgapop 10.0 , Xgapext 0.5
Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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-LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=BLOSUM62 -TRANS=human40.cdi
-LIST=45 -DOCLIGN=200 -THR SCORE=pct -THR MAX=100 -THR MIN=0 -ALIGN=15
-MODE=LOCAL -OUTFTW=pco -NORM=ext -HEAPSIZ=500 -MINLEN=0 -MAXLEN=2000000000
-USER=US09939853 @CGN 1 1.69 @runat_30122004_130437_18931 -NCPU=6 -ICPU=3
-NO.MMAP -LARGQUERY -NEG SCORES=0 -WAIT -DSBLOCK=100 -LONGLOG
-DEV_TIMEOUT=120 -WARN TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5 -FGAPOP=6
-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : Issued Patents NA:
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2: /cgn2_6/ptodata/1/ina/5B.COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A.COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B.COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PTCUS.COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	370.5	27.4	2298	4	US-09-023-655-1158
2	360.5	26.6	2015	4	Sequence 1158, Ap
3	340	25.1	2129	4	Sequence 1105, Ap
4	323	23.9	2435	4	Sequence 1452, Ap
5	320	23.7	2647	4	Sequence 1313, Ap
6	320	23.7	2647	5	Sequence 77, Appl
7	315.5	23.3	4517	5	Sequence 7, Appl
8	315.5	23.3	4517	5	Sequence 83, Appl
9	313.5	23.2	1491	3	Sequence 1, Appl
10	313.5	23.2	1491	3	Sequence 1, Appl
11	312.5	23.1	2354	4	Sequence 1080, Ap
12	310.5	22.9	3258	4	Sequence 24, Appl

13	289	21.4	1759	4	US-09-470-881-2	Sequence 2, Appl
14	287	21.2	1602	1	PCT-820-011A-1	Sequence 1, Appl
15	287	21.2	1602	5	PCT-US93-00445-1	Sequence 1, Appl
16	276.5	20.4	1611	1	US-07-820-011A-3	Sequence 3, Appl
17	276.5	20.4	1611	4	US-09-860-473-3	Sequence 3, Appl
18	276.5	20.4	1611	4	US-09-444-711A-1	Sequence 1, Appl
19	276.5	20.4	1611	4	US-09-444-711A-3	Sequence 3, Appl
20	276.5	20.4	1611	5	PCT-US93-00445-3	Sequence 3, Appl
21	273	20.2	1626	4	US-09-860-473-10	Sequence 10, Appl
22	262	19.4	675	1	US-08-707-793A-3	Sequence 3, Appl
23	262	19.4	675	1	US-08-707-792A-3	Sequence 3, Appl
24	257	19.0	1458	4	US-09-270-767-12694	Sequence 12694, A
25	243.5	18.0	2827	4	US-08-492-723-1	Sequence 1, Appl
26	240.5	17.8	2770	3	US-08-426-509A-5	Sequence 5, Appl
27	240.5	17.8	2770	4	US-08-232-545-5	Sequence 5, Appl
28	240.5	17.8	2770	5	PCT-US95-05008-5	Sequence 5, Appl
29	240.5	17.8	2863	4	US-09-023-655-1389	Sequence 1389, Ap
30	240.5	17.8	7607	1	US-08-222-616-19	Sequence 19, Appl
31	240.5	17.8	7607	3	US-08-446-648-19	Sequence 19, Appl
32	240.5	17.8	7607	4	US-09-982-610-19	Sequence 19, Appl
33	240.5	17.8	7607	5	PCT-US95-04228-19	Sequence 19, Appl
34	238	17.6	282	2	US-09-006-675-5	Sequence 5, Appl
35	238	17.6	282	3	US-09-228-603A-5	Sequence 5, Appl
36	230	17.0	1467	4	US-09-579-182-2	Sequence 2, Appl
37	230	17.0	1548	3	US-09-099-053-1	Sequence 1, Appl
38	202	14.9	1661	2	US-08-815-176-2	Sequence 2, Appl
39	202	14.9	1661	4	US-09-197-344-2	Sequence 2, Appl
40	193.5	14.3	2187	4	US-09-023-655-1267	Sequence 1267, Ap
41	193.5	14.3	2187	4	US-09-470-881-4	Sequence 4, Appl
42	190.5	14.1	3623	1	US-08-306-691B-35	Sequence 35, Appl
43	182	13.5	1804	1	US-08-306-691B-40	Sequence 40, Appl
44	182	13.5	1804	3	US-09-167-322-14	Sequence 14, Appl
45	182	13.5	1804	5	PCT-US93-06251-82	Sequence 82, Appl

ALIGNMENTS

RESULT 1
US-09-023-655-1158
; Sequence 1158, Application US/09023655
; Patent No. 6607979
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HERWITH
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1158:
SEQUENCE CHARACTERISTICS:
LENGTH: 2298 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GENBANK
CLONE: G187268
US-09-023-655-1158

Alignment Scores:
Pred. No.: 5,47e-31 Length: 2298
Score: 370.50 Matches: 80
Percent Similarity: 57.71% Conservative: 36
Best Local Similarity: 39.80% Mismatches: 76
Query Match: 27.38% Indels: 9
DB: 4 Gaps: 3

US-09-939-853A-75 (1-261) x US-09-023-655-1158 (1-2298)

Qy 6 SerArgArgLysSerLeuProSerProSerLeuSerSerValGlnGlyGlnGlyPro 25
Db TCCATAAACAGCAAGCCAGTTCAGAA---TCTCAGCTTTTACTGGACAGAGGTTT 465

Qy 26 ValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeuGlySerPheProAla 45
Db CAATAAAGATCCAGAGGACAGGACAGATTCGTGTAGCTTGTACCCCTATGATGGC 525

Qy 46 GlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThrIleValSerGluAsp 65
Db ATCCACCCGGACGACTTGTCTTCAAGAAAGGAGAGAGATGAAAGTCTGGAGGAGCAT 585

Qy 66 GlyAspTrpTrpThrValLeuSerGluValSerGlyArgGluTyrAsnIleProSerVal 85
Db GGAGATGGTGGAAAGCAAGTCCCTTTTACAAAAAAGAGGCTTCATCCCGCAGCAAC 645

Qy 86 HisValGlyLysVal-----SerHisGlyTrpLeuTyrGluGlyLeuSerArg 101
Db TATGTGGCCAACTCAACACCTTAGMAACAGAGAGTGGTTTTTCAAGGATATACACAGG 705

Qy 102 GluLysAlaGluGluLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuLeuArg 121
Db AAGGACGCGAAGAGCGACCTTTGGCCACGGAATAGCGCTGGAGCTTTCCTATTATAGA 765

Qy 122 GluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAlaSer 141
Db GAAAGTGAACATTAAGAGGAGCTTCTCTGCTGTGCAGACATTTGACCCCTGTGCAT 825

Qy 142 TrpAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyrIleSer 161
Db GGTGATGTTATTAAAGCACTACAAAATTAGAAAGTCTGGATAATGGGGCTATTATATCTCT 885

Qy 162 ProArgLeuThrPheProSerLeuGlnAlaLeuAlaAspHisTyrSerGluLeuAlaAsp 181
Db CCACGAATACATCTTCCCTGTATCAGCATGATGATTAACATTAACAAACAGCAGCAT 945

Qy 182 AspIleCysCysLeuLeuLysGluProCysValLeuGlnArgAlaGlyProLeuProGly 201
Db GCCTGTGTGAGAGATTGGAGAGGCTGTATT-----AGTCCCAAGCCACAG 993

Qy 202 Lys 202
Db 994 AAG 996

RESULT 2
US-09-023-655-1105
Sequence 1105, Application US/09023655
Patent No. 6607879
GENERAL INFORMATION:
APPLICANT: Cocks, Benjamin G.

APPLICANT: Susan G. Stuart
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
EXPRESSION
NUMBER OF SEQUENCES: 1508
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/023.655
FILING DATE: HEREWITH
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0001 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1105:
SEQUENCE CHARACTERISTICS:
LENGTH: 2015 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GENBANK
CLONE: G183911
US-09-023-655-1105

Alignment Scores:
Pred. No.: 5,75e-30 Length: 2015
Score: 360.50 Matches: 77
Percent Similarity: 58.38% Conservative: 31
Best Local Similarity: 41.62% Mismatches: 70
Query Match: 26.64% Indels: 7
DB: 4 Gaps: 2

US-09-939-853A-75 (1-261) x US-09-023-655-1105 (1-2015)

Qy 12 ProSerProSerLeuSerSerSerValGlnGlyGlnGlyProValThrMetGluAlaGlu 31
Db CCGGGCCCTTAATAGCCACACAGC-----AACACACAGGATCAGGAGGAGCAGGC 336

Qy 32 ArgSerLysAlaThrAlaValAlaLeuGlySerPheProAlaGlyGlyProAlaGluLeu 51
Db TCTGAGGACATCATCGTGGTTGCCCTGTATGATTACGAGGCCATTCCACCAAGAGACCTC 396

Qy 337 SerLeuArgLeuGlyGluProLeuThrIleValSerGluAspGlyAspTrpTrpThrVal 71
Db AGCTTCCAGAGGGGGGACACAGATGGTGTCTTAGAGGAATCCCGGGAGTGTGGAAGGCT 456

Qy 72 LeuSerGluValSerGlyArgGluTyrAsnIleProSerValHisValGlyLysVal--- 90
Db CGATCTCGGCCACCGAGAGGAGGCTACATCTCCAGCAACTATGTCCGCCCGGTGAC 516

Qy 91 -----SerHisGlyTrpLeuTyrGluGlyLeuSerArgGluLysAlaGluGluLeu 107
Db TCTCTGGAGACAGAGGAGTGGTTTTTCAAGGGCATCAGCGGAGGAGGACGAGCGCCAA 576

QY 108 LeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuLeuArgGluSerGlnThrArgArg 127
 Db 577 CTGCTGGCTCCGGCAACATGCTGGGCTCTTCATGATCCGGATAGGAGACCACTAA 636
 QY 128 GlySerTyrSerLeuSerValArgLeuSerArgProAlaSerTrpAspArgIleArgHis 147
 Db 637 GGAAGCTACTCTTTGCTGGAGACTACGACCTCGGCGAGGAGATACCGTGAAACAT 696
 QY 148 TyrArgIleHisCysLeuAspAsnGlyTrpLeuTyrIleSerProArgLeuThrPhePro 167
 Db 697 TACAAGATCCGGACCTCGACACCGGGGCTTCTACATATCCCCCGAAGCACCTTCAGC 756
 QY 168 SerLeuGlnAlaLeuValAspHisTyrSerGluLeuAlaAspAspIleCysCysLeuLeu 187
 Db 757 ACTTGCAGGAGCTGGTGACCACTACAAAGAGGGGAACGACGGGCTCTGCCAGAAACTG 816
 QY 188 LysGluProCysVal 192
 Db 817 TCGGTGCCCTGCATG 831

RESULT 3

US-09-016-434-1452
 ; Sequence 1452, Application US/09016434
 ; Patent No. 6500938

GENERAL INFORMATION:

APPLICANT: Janice Au-Young
 APPLICANT: Jeffrey J. Seilhamer
 TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
 TITLE OF INVENTION: PATHWAY GENE EXPRESSION
 NUMBER OF SEQUENCES: 1490

CORRESPONDENCE ADDRESS:

ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 STREET: 3174 PORTER DRIVE
 CITY: PALO ALTO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/016.434
 FILING DATE: HEREWITH

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Zeller, Karen J.

REGISTRATION NUMBER: 37,071

REFERENCE/DOCKET NUMBER: PA-0002 US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (650) 855-0555

TELEFAX: (650) 845-4166

INFORMATION FOR SEQ ID NO: 1452:

SEQUENCE CHARACTERISTICS:

LENGTH: 2129 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: GENBANK

CLONE: g775207

US-09-016-434-1452

Alignment Scores:

Pred. No.: 1,2e-27 Length: 2129
 Score: 340.00 Matches: 73
 Percent Similarity: 55.00% Conservative: 26
 Best Local Similarity: 40.56% Mismatches: 71

Query Match: 25.13% Indels: 10
 DB: 4 Gaps: 2

US-09-939-853A-75 (1-261) x US-09-016-434-1452 (1-2129)

QY 26 ValThrMetGluAlaGluArgSerLysAlaThr-----AlaValAla 39
 Db 204 GTTACCTACGAAAGCTCCAAATCCCGCGCTTCCCACTGCAAGACAACCTGGTTATCGCT 263
 QY 40 LeuGlySerPheProAlaGlyGlyProAlaGlyLeuSerLeuArgLeuGlyGluProLeu 59
 Db 264 CTGCACAGCTATAGCCCTCTCACGACGGAGATCTGGCTTTGAGAAAGGGGACAGCTC 323
 QY 60 ThrIleValSerGluAspGlyAspTrpThrValLeuSerGluValSerGlyArgGlu 79
 Db 324 CGCATCTCGAGACGAGCGCGAGTGGTGGAAAGCGCAGTCCCTGACCACCGGCCAGGAA 383
 QY 80 TyrAsnIleProSerValHisValGlyLysValSer-----HisGlyTrpLeu 95
 Db 384 GGCTTCATCCCTTCAATTTTGTGCCCAAGCGACAGCCTGGAGCCCGAACCTGGTTC 443
 QY 96 TyrGluGlyLeuSerArgGluLysAlaGluLeuLeuLeuLeuProGlyAsnProGly 115
 Db 444 TTCAGAACCTGACCGCCGACGAGCGCGAGCGGAGCTCTTGGCGCCCGGGAACACTCAC 503
 QY 116 GlyAlaPheLeuIleArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArg 135
 Db 504 GGCTCCTTCTCATCCGGAGAGCGAGACCGCGGATCGTTTCACTGCGTCCGG 563
 QY 136 LeuSerArgProAlaSerTrpAspArgIleArgHisTyrArgIleHisCysLeuAspHis 155
 Db 564 GACTTCGACCAAGAACCGAGGAGGTGGTGAACATTTACAGATCCCGTAATCTGGACAAC 623
 QY 156 GlyTrpLeuTyrIleSerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHis 175
 Db 624 GGTGGCTTACATCTCCCTCGAATCACTTTTCCGGCCTGCATGAATCGTTCGCCCAT 683
 QY 176 TyrSerGluLeuAlaAspAspIleCysCysLeuLeuLysGluProCysValLeuGlnArg 195
 Db 684 TACACCAATGCTTCAGATGGCTGTCACACGGTTGAGCCGCCCTGCCAGACCAGGAAG 743

RESULT 4

US-09-023-655-1313
 ; Sequence 1313, Application US/09023655
 ; Patent No. 6607879

GENERAL INFORMATION:

APPLICANT: Cocks, Benjamin G.

APPLICANT: Susan G. Stuart

APPLICANT: Jeffrey J. Seilhamer

TITLE OF INVENTION: COMPOSITION

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 1508

CORRESPONDENCE ADDRESS:

ADDRESSEE: INCYTE PHARMACEUTICALS, INC.

STREET: 3174 PORTER DRIVE

CITY: PALO ALTO

STATE: CALIFORNIA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/023.655

FILING DATE: HEREWITH

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Zeller, Karen J.
REGISTRATION NUMBER: 37,071
REFERENCE/DOCKET NUMBER: PA-0001 US
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 1313:
SEQUENCE CHARACTERISTICS:
LENGTH: 2435 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GENBANK
CLONE: Q338227
US-09-023-655-1313

Alignment Scores:
Pred. No.: 1.16e-25 Length: 2435
Score: 323.00 Matches: 81
Percent Similarity: 51.74% Conservative: 23
Best Local Similarity: 40.30% Mismatches: 76
Query Match: 23.87% Indels: 22
DB: 4 Gaps: 3

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QY 12 ProSerProSerLeuSerSerValGlnGly----- 22
Db 507 CCATCCCACTACACACTTCCACGCGCGGGGCCAAGGACTCACCGCTTTGGAG 566
QY 23 -----GlnGlyProValThrMetGluAlaGluArgSerLysAla 35
Db 567 GTGTGAACCTTCGTCTCATACGGGACCTTCGTACGAGGAGGAGAACAGAGTG-ACA 625
QY 36 ThrAlaValAlaLeuGlySerPheProAlaGlyGlyProAlaGluLeuSerLeu 55
Db 626 CTCCTTTGGGCTTTATGACTATGACGACGAGCAGAGAGATGACCTGAGTTTCAAAA 685
QY 56 GlyGluProLeuThrIleVal---SerGluAspGlyAspTrpTrpThrValLeuSerGlu 74
Db 686 GGAGAAAAATTTCAAAATATTGAACAGCTCGGAAGGAGATTGGTGGGAAGCCGCTCTTG 745
QY 75 ValSerGlyArgGluTyrAsnIleProSerValHisValGlyLysVal----- 90
Db 746 ACAACTGGAGAGACAGGTTACATTCACGCAATTAATGTGGCTCCAGTCTATCCAG 805
QY 91 SerHisGlyTrpLeuTyrGluGlyLeuSerArgGluLysAlaGluLeuLeuLeu 110
Db 806 GCAGAGAGTGTACTTTGGAAAACTTGGCCGAAAAGATGCTGAGCGACAGCTATTGTCC 865
QY 111 ProGlyAsnProGlyGlyAlaPheLeuIleArgGluSerGlnThrArgArgGlySerTyr 130
Db 866 TTTGAAACCCAAAGAGTACCTTTCTTATCCGCGAGAGTGAACACCAAAAGGGTCTAT 925
QY 131 SerLeuSerValArgLeuSerArgProAlaSerTrpAspArgIleArgHisTyrArgIle 150
Db 926 TCACCTTCTATCCGTAATTTGGATGATGATGAAGAGAGACCATGTCAACATTAATAAAT 985
QY 151 HisCysLeuAspAsnGlyTrpLeuTyrIleSerProArgLeuThrPheProSerLeuGln 170
Db 986 CGCAAACTTGACAATGTTGGATGATGATGAAGAGAGACCATGTCAACATTAATAAAT 1045
QY 171 AlaLeuValAspHisTyrSerGluLeuAlaAspAspIleCysCysLeuLeuLysGluPro 190
Db 1046 CAGCTTGTACAACATTAATCACTACGAGAGAGCTGCAGGTCTCTGCTGCGCTAGTAGTCCC 1105
QY 191 Cys 191
Db 1106 TGT 1108

RESULT 5
US-09-220-132-77

; Sequence 77, Application US/09220132

; Patent No. 6506607
; GENERAL INFORMATION:
; APPLICANT: SHYJAN, Andrew W.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE IDENTIFICATION AND ASSESSMENT
; TITLE OF INVENTION: OF PROSTATE CANCER THERAPIES AND THE DIAGNOSIS OF PROSTATE CANCER.
; FILE REFERENCE: 07334-074001
; CURRENT APPLICATION NUMBER: US/09/220,132
; PRIORITY FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: US 60/079,303
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: US 60/068,821
; PRIOR FILING DATE: 1997-12-24
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 77
; LENGTH: 2647
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-220-132-77

Alignment Scores:
Pred. No.: 2.85e-25 Length: 2647
Score: 320.00 Matches: 80
Percent Similarity: 51.74% Conservative: 24
Best Local Similarity: 39.80% Mismatches: 76
Query Match: 23.65% Indels: 22
DB: 4 Gaps: 3

US-09-939-853A-75 (1-261) x US-09-220-132-77 (1-2647) ----- 22
QY 12 ProSerProSerLeuSerSerValGlnGly----- 22
Db 716 CCATCCCACTACACACTTCCACGCGCGGGGCCAAGGACTCACCGCTTTGGAG 775
QY 23 -----GlnGlyProValThrMetGluAlaGluArgSerLysAla 35
Db 776 GTGTGAACCTTCGTCTCATACGGGACCTTCGTACGAGGAGGAGAACAGAGTG-ACA 834
QY 36 ThrAlaValAlaLeuGlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeu 55
Db 835 CTCCTTTGGGCTTTATGACTATGACGACGAGCAGAGAGATGACCTGAGTTTTCACAAA 894
QY 56 GlyGluProLeuThrIleVal---SerGluAspGlyAspTrpTrpThrValLeuSerGlu 74
Db 895 GGAGAAAAATTTCAAAATATTGAACAGCTCGGAAGGAGATTGGTGGGAAGCCGCTCTTG 954
QY 75 ValSerGlyArgGluTyrAsnIleProSerValHisValGlyLysVal----- 90
Db 955 ACAACTGGAGAGACAGGTTACATTCACGCAATTAATGTGGCTCCAGTCTATCCAG 1014
QY 91 SerHisGlyTrpLeuTyrGluGlyLeuSerArgGluLysAlaGluLeuLeuLeu 110
Db 1015 GCAGAGAGTGTACTTTGGAAAACTTGGCCGAAAAGATGCTGAGCGACAGCTATTGTCC 1074
QY 111 ProGlyAsnProGlyGlyAlaPheLeuIleArgGluSerGlnThrArgArgGlySerTyr 130
Db 1075 TTTGAAACCCAAAGAGTACCTTTCTTATCCGCGAGAGTGAACACCAAAAGGGTCTAT 1134
QY 131 SerLeuSerValArgLeuSerArgProAlaSerTrpAspArgIleArgHisTyrArgIle 150
Db 1135 TCACCTTCTATCCGTAATTTGGATGATGATGAAGAGAGACCATGTCAACATTAATAAAT 1194
QY 151 HisCysLeuAspAsnGlyTrpLeuTyrIleSerProArgLeuThrPheProSerLeuGln 170
Db 1195 CGCAAACTTGACAATGTTGGATGATGATGAAGAGAGACCATGTCAACATTAATAAAT 1254
QY 171 AlaLeuValAspHisTyrSerGluLeuAlaAspAspIleCysCysLeuLeuLysGluPro 190
Db 1255 CAGCTTGTACAACATTAATCACTACGAGAGAGCTGCAGGTCTCTGCTGCGCTAGTAGTCCC 1314
QY 191 Cys 191
Db 1106 TGT 1108

Db 424 GGTGCATCTTCTCAATTTTCAGTGGTCCCAAGTTTCATATCTCTGCTGTTTAAACAGGTGT 483
Qy 47 -----GlyProAlaGluLeuSerLeu 53
Db 484 GTTACTATATTGTGGCCTTATATGATTAAGCTAGAACTACAGAGACCTTTTCATTT 543
Qy 54 ArgLeuGlyGluProLeuThrIleValSerGlu---AspGlyAspTrpTrpThrValLeu 72
Db 544 AAGAGGGTGAAGATTTCAATAATTAACATCGAAGAGATTTGGTGGGAAGCAAGA 603
Qy 73 SerGluValSerGlyArgGluTyrAsnIleProSerValHisValGlyLysVal----- 90
Db 604 TCAATCGCTACAGAAAGATGGTATATCCGAGCAATATGTAGCGCTGCAGATTCC 663
Qy 91 -----SerHisGlyTrpLeuTyrGluGlyLeuSerArgGluLysAlaGluLeuLeu 108
Db 664 ATTCAGGCAGAAAGATGGTATTTTGGCAAAATGGGAGAAAGATGCTGAAGATTACTT 723
Qy 109 LeuLeuProGlyAnProGlyGlyAlaPheLeuIleArgGluSerGlnThrArgArgGly 128
Db 724 TTGAATCCTGGAATCAACAGAGGTATTTCTTAGTAGAGAGAGTGAACAACTAAAGGT 783
Qy 129 SerTyrSerLeuSerValArgLeuSerArgProAlaSerTrpAspArgIleArg----- 146
Db 784 GCTTATTCCTTTCTATTCGT-----GATTGGATGAGATAAGGGGTGAC 828
Qy 147 -----HistyArgIleHisCysLeuAspAsnGlyTrpLeuTyrIleSerProArg 163
Db 829 AATGTGAACACTACAAAATTAGGAAACTTGCACATGGTGGATATATACAAACCA 888
Qy 164 LeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAlaAspAspIle 183
Db 889 GCACAAATTGATCTCTGCAGAAATTCGTGAACACTACACAGACATGCTGTGTTTA 948
Qy 184 CysCysLeuLeuLysGluProCys-----ValLeuGln 194
Db 949 TGCCACAAAGTTGACAACTGTGTGTCACAACTGTGAACCTCAGACTCAAGGTAGCAAAA 1008
Qy 195 ArgAlaGlyProLeuProGlyLysAspIleProLeuProValThrValGlnArg----- 212
Db 1009 GATGCTTTGGGAAATCCCTCGAGAACTTTTCGACTAGAGGTTAACTAGGACAGGATGT 1068
Qy 213 -----ThrProLeuAsnTrpLysGluLeu 220
Db 1069 TTCGGGAGTGTGGATGGGAACATGGAATGGACACAGCAAGTAGCAATCAAACTA 1128
Qy 221 AspSerSerLeuLeuPheSerGluAlaAlaThrGlyGluLeuSerGluGly 240
Db 1129 AAACAGGTACATGATGCCAGAGCTTTCCTTCAAGAAAGCTCAGATAATGAAATAA 1188
Qy 241 LeuArgGluSerLeu---SerPheTyrIleSerLeuAsnAspGluAlaVal 256
Db 1189 AGACATGATAAACTGTTCCACTATATCTGCTGTTTCTGGAAGAACCAATT 1239

RESULT 8
PCT-US93-06251-83
; Sequence 83, Application PC/TUS9306251
; GENERAL INFORMATION:
; APPLICANT: Wickstrom, Eric and Rife, Jason P.
; TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
; TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates
; NUMBER OF SEQUENCES: 93
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: NY
; COUNTRY: USA
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/06251
; FILING DATE: 19930630
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Digiglio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 8586
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 516-742-4343
; TELEFAX: 516-742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 4517 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US93-06251-83

Alignment Scores: 2,11e-24 Length: 4517
Pred. No.: 315.50 Matches: 92
Score: 43.22% Conservative: 45
Percent Similarity: 29.02% Mismatches: 113
Best Local Similarity: 23.32% Indels: 67
Query Match: 5 Gaps: 9
DB:

US-09-939-853A-75 (1-261) x PCT-US93-06251-83 (1-4517)

Qy 2 GlySerLeuProSerArgArgLysSerLeuProSerProSerLeuSerSerVal---- 20
Db 304 GGAGCAGAACCCACTACAGTGTCCATCTTCAGCAAGGAAGACAGCAGTT 363
Qy 21 -----GlnGlyGlnGlyProValThrMetGluAla 30
Db 364 AATTTCCAGCAGTCTTTCCATGACACCATTTGGAGGATCTCAGGGGTAAACGCCCTTTTGA 423
Qy 31 GluArgSerLysAlaThrAlaValAlaLeuGlySerPheProAlaGly----- 46
Db 424 GGTGCATCTCTCTCATTTTCAGTGTGCGCAAGTTTCATATCTCTGCTGTTTAAACAGTGT 483
Qy 47 -----GlyProAlaGluLeuSerLeu 53
Db 484 GTTACTATATTGTGGCCTTATATGATTATGAAGCTAGAACTACAGAGACCTTTTCATTT 543
Qy 54 ArgLeuGlyGluProLeuThrIleValSerGlu---AspGlyAspTrpTrpThrValLeu 72
Db 544 AAGAGGGTGAAGATTTCAATAATTAACATCGAAGAGATTTGGTGGGAAGCAAGA 603
Qy 73 SerGluValSerGlyArgGluTyrAsnIleProSerValHisValGlyLysVal----- 90
Db 604 TCAATCGCTACAGAAAGATGGTATATCCCGCAAAATTAATGATAGCGCTGCAGATTCC 663
Qy 91 -----SerHisGlyTrpLeuTyrGluGlyLeuSerArgGluLysAlaGluLeuLeu 108
Db 664 ATTCAGGCAGAAAGATGGTATTTTGGCAAAATGGGAGAAAGATGCTGAAGATTACTT 723
Qy 109 LeuLeuProGlyAnProGlyGlyAlaPheLeuIleArgGluSerGlnThrArgArgGly 128
Db 724 TTGAATCCTGGAATCAACAGAGGTATTTCTTAGTAGAGAGAGTGAACAACTAAAGGT 783
Qy 129 SerTyrSerLeuSerValArgLeuSerArgProAlaSerTrpAspArgIleArg----- 146
Db 784 GCTTATTCCTTTCTATTCGT-----GATTGGATGAGATAAGGGGTGAC 828
Qy 147 -----HistyArgIleHisCysLeuAspAsnGlyTrpLeuTyrIleSerProArg 163
Db 829 AATGTGAACACTACAAAATTAGGAAACTTGCACATGGTGGATATATACAAACCA 888
Qy 164 LeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAlaAspAspIle 183

Db 889 GCACAAATTTGATCTCGAGAAATTTGGTGAACACTACACAGAACATGCTGATGTTTA 948
Qy 184 CysCysLeuLeuLysGluProCys-----ValLeuGln 194
Db 949 TCCACACAGTTGACAACTGTGTGTCCAACTGTGAACCTCAGACTCAAGGTCTACAAA 1008
Qy 195 ArgAlaGlyProLeuProGlyLysAspLeuProLeuProValThrValGlnArg----- 212
Db 1009 GATGCTTGGGAAATCCCTCGAGAAATCTTTGCGACTAGAGTTTAAACTAGGACAAGGATGT 1068
Qy 213 -----ThrProLeuAsnTrpLysGluLeu 220
Db 1069 TTCGCGAAGTGTGATGGGAACATGGAATGGAACACGAAAGTAGCAATCAAAAACACTA 1128
Qy 221 AspSerSerLeuLeuPheSerGluAlaAlaThrGlyGluGluSerLeuLeuSerGluGly 240
Db 1129 AAACAGGTACANTGATGCCAGAACTTTCCTTCAAGAACTCAGATATGAAAAAATA 1188
Qy 241 LeuArgGluSerLeu---SerPheTyrIleSerLeuAsnAspGluAlaVal 256
Db 1189 AGACATGATAAACTTGTTCCTCACTATATGCTGTGTTCCTGGAAGAACCAATT 1239

RESULT 9

US-09-006-675-1
; Sequence 1, Application US/09006675
; Patent No. 5952213
; GENERAL INFORMATION:
; APPLICANT: Hemmati-Brivanlou, Ali
; APPLICANT: Weinstein, Daniel C.
; TITLE OF INVENTION: A NOVEL SRC-FAMILY KINASE AND METHODS OF
; OPERATION: USE THEREOF
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue, 4th Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/006,675
; FILING DATE: 13-JAN-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-217
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1491 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..1491
US-09-006-675-1
Alignment Scores:
Pred. No.: 6,046-25 Length: 1491
Score: 313.50 Matches: 78

Percent Similarity: 52.34% Conservative: 34
Best Local Similarity: 36.45% Mismatches: 75
Query Match: 23.17% Indels: 27
DB: 2 Gaps: 6
US-09-939-853A-75 (1-261) x US-09-006-675-1 (1-1491)
Qy 1 MetGlySerLeuProSerArg-----ArgLysSerLeuProSerProSer 15
Db 1 ATGGCTGCATCAAGTCAAGGATTCAAATACGACTGGCAAAAGTCTGGGACCTCCGAA 60
Qy 16 LeuSerSerValGlnGlyGlnGlyPro-----ValThrMet-----GluAlaGlu 31
Db 61 AGCACCCAAACCCATTTATGTGAAGGACCCCACTACAGTAACATGACTAAACCTGAA 120
Qy 32 ArgSer-----LysAlaThrAlaValAlaLeuGly 41
Db 121 AGATCATCTAAGCACCACAGAGAGAGAGGCAAGAGAGTGGTCTCTGCTTGTAT 180
Qy 42 SerPheProAlaGlyGlyProAlaGluLeuSerLeuArgGlyGluProLeuThrIle 61
Db 181 GACTATGATGAGTCCACCTGGGATCTGACTTTTAGGAAAGGGGACCATCTCTGCTA 240
Qy 62 ValSerGluAspGlyAspTyrThrValLeuSerGluValSerGlyArgGluTyrAsn 81
Db 241 AAGAAAGAGTCCAGGGAGTGTGTGAAGCATGTCTAATTTCCACTGTGTGAAGAGGCTT 300
Qy 82 IleProSerValHisValGlyLysVal-----SerHisGlyTyrLeuTyrGlu 97
Db 301 GTTCCAGTAATGATAGCGTATTTCCTCCCTGGAATCTGAAGAGTGGTACTTTAAA 360
Qy 98 GlyLeuSerArgGlyLysAlaGluLeuLeuLeuProGlyAsnProGlyGlyAla 117
Db 361 GGCATGAGCCGGAAGAGCTGAAAGGCGAGCTGCTATCTCTGTTTAAATAAAGTGGGCT 420
Qy 118 PheLeuIleArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSer 137
Db 421 TTCATGATCCGAGACAGTGAACAATGAAGAGTGTGTTCTCCCTCTCTGTGCGA----- 474
Qy 138 ArgProAlaSerTyrAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrp 157
Db 475 -----GACTCAGGGGACACTGTGAACATTTACAAAATTCGCACACTCGATGATGAGGT 528
Qy 158 LeuTyrIleSerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSer 177
Db 529 TTCTTCATTTCTACACGGATCCCTTTCTCTTTTCCAGAGCTGTGACGCATTATCAA 588
Qy 178 GluLeuAlaAspAspIleCysLeuLeuLysGluProCys 191
Db 589 GGTAAGTGGATGGCTTGTGTGTCAGTGCCTTACAAATACCATGC 630

RESULT 10

US-09-228-603A-1
; Sequence 1, Application US/09228603A
; Patent No. 6291651
; GENERAL INFORMATION:
; APPLICANT: Hemmati-Brivanlou, Ali
; APPLICANT: Weinstein, Daniel C.
; TITLE OF INVENTION: A NOVEL SRC-FAMILY KINASE AND METHODS OF
; OPERATION: USE THEREOF
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue, 4th Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30

QY 38 -----ValAlaLeuGlySerPheProAlaGlyGlyProAlaGlu 50
DB 373 GGGATTGGGGTACCCTGTTCAATCCCTGTATGACTATGAGGCTCGAAGTCAAGCATC 432
QY 51 LeuSerLeuArgLeuGlyGluProLeuThrIleValSerGlu---AspGlyAspTrpTrp 69
DB 433 CTCACCTTCACCAAGGGGAGAGTTCACATCTCTGAACAATCTGAAGGTGACTGGTGG 492
QY 70 ThrValLeuSerGluValSerGlyArgGluTrpAsnIleProSerValHisValGlyLys 89
DB 493 GAGGCTCGGTCTCTCAGCTCCGGAAAAAAGTGGCTGCATTCACGCAACTAGTGGCCCT 552
QY 90 Val-----SerHisGlyTrpLeuTrpLeuGlyLeuSerArgGluLysAlaGlu 105
DB 553 GTTGACTCAATCAAGTCAAGAGTGGTACTTTTGGAAAGATTGGGAGAAAGGATCGAG 612
QY 106 GluLeuLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuIleArgGluSerGlnThr 125
DB 613 AGGAGCTGCTTTCACCAAGCCCAAGCCAGGGGGCTTCTCATTCGGGAAGCGAGACC 672
QY 126 ArgArgGlySerTySerLeuSerValArgLeuSerArgProAlaSerTrpAspArgIle 145
DB 673 ACCAAGGTGCTACTCTCTGTCATCCGGGACTGGGATCAGACCAGAGGCGATCATGTG 732
QY 146 ArgHisTyArgIleHisCysLeuAspAsnGlyTrpLeuTyIleSerProArgLeuThr 165
DB 733 AAGCATTAACAAGATCCGCAAACTGGACATGGCGGCTACTACTATCACCACACGGGTTTCA 792
QY 166 PheProSerLeuGlnAlaLeuValAspHisTySerGluLeuAlaAspAspIleCysCys 185
DB 793 TTCAACTCGGTGACAGAGCTGGTGAGCAGCATACATGGAGGTGATGATCGGGCTGTGCAAC 852
QY 186 LeuLeuLysGluProCysValLeuGlnArg 195
DB 853 CTGCTCATCGGCCCTGCACCATCATGAG 882

RESULT 12

US-09-741-238-24
; Sequence 24, Application US/09741238
; Patent No. 6706867

GENERAL INFORMATION:

; APPLICANT: Lorenz, Matthias

; TITLE OF INVENTION: DNA Array Sequence Selection

; Patent No. 6706867

; FILE REFERENCE: NIH-05076

; CURRENT APPLICATION NUMBER: US/09/741,238

; CURRENT FILING DATE: 2001-08-20

; NUMBER OF SEQ ID NOS: 29

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 24

; LENGTH: 3258

; TYPE: DNA

; ORGANISM: Mus musculus

US-09-741-238-24

Alignment Scores:

Pred. No.: 4.51e-24 Length: 3258
Score: 310.50 Matches: 83
Percent Similarity: 48.64% Conservative: 24
Best Local Similarity: 37.73% Mismatches: 87
Query Match: 22.95% Indels: 26
DB: 4 Gaps: 5

US-09-939-853A-75 (1-261) x US-09-741-238-24 (1-3258)

QY 3 SerLeuProSerArgArgGlySerLeuProSerProSerLeuSerSerValGlnGly 22
DB 337 GCACCTACCCAGCTTCGGCGTGACCTC---CATCCCGAACTACAACAACACTTCCACGCAGC 393
QY 23 GlnGlyPro-----Val 26
DB 394 TGGGGGCCAGGGAGCTACCCGTTTGGGGGTGTGAACTCTCTCTACACTGGGACCCCT 453

QY 27 ThrMetGluAlaGluArgSerLysAlaThrAla-ValAlaLeuGlySerPheProAlaGlu 46
DB 454 ACCGACGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 513
QY 46 YGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThrIleVal---SerGluAs 65
DB 514 GACGGAAGATGACCTGAGTGTTCACAAAGGAGAAAAATTCAAATATTGAAACAGCTCGGA 573
QY 65 pGlyAspTrpTrpThrValLeuSerGluValSerGlyArgGluTrpAsnIleProSerVa 85
DB 574 AGGAGATTGGTGGGAGGCCCTCTTTCACAAACCGGGGAAACTGTTTACATTCCTCCAGCAA 633
QY 85 lHisValGlyLysVal-----SerHisGlyTrpLeuTrpLeuGlyLeuSerAr 101
DB 634 TTACGTGGCTCCAGTTGACTCCATCCAGGAGAGAGTGGTACTTTTGGAAAACTTGGCGG 693
QY 101 gGluLysAlaGluLeuLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuIleAr 121
DB 694 CAAAGATGCTGAGAGACAGCTCTCTGCTTTCGAAAAACCCAAAGAGGTACTTCTTTATCCG 753
QY 121 gGluSerGlnThrArgArgGlySerTySerSerValArgLeuSerValArgProAlaSe 141
DB 754 CGAGAGCCAAACACCACCAAGGTGCTACTCTTCCATCCGTGATTCGGGATGATGAA 813
QY 141 rTrpAspArgIleArgHisTyArgIleHisCysLeuAspAsnGlyTrpLeuTyIleSe 161
DB 814 AGGGGACACGCTCAAAACATTAATAAATCCGCAAGCTTGACAATGGTGATATATATCAC 873
QY 161 rProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTySerGluLeuAlaAs 181
DB 874 AACCGGGGCCCGCTTGAACACACTTCAGCAACTGGTACAGCATTTACTCAGAAAGCTGA 933
QY 181 pAspIleCys-----CysLeuLeuLysGluProCysValLeuGlnArgAlaGly 197
DB 934 TGGTTTGTTTAACTTAAGTGGTTTCACTCAAGTTGTACCCCAAAACTTCTGGA 991

RESULT 13

US-09-470-881-2
; Sequence 2, Application US/09470881
; Patent No. 6685938

GENERAL INFORMATION:

; APPLICANT: CHERESH, David A.

; APPLICANT: ELICEIRI, Brian

; TITLE OF INVENTION: METHODS AND COMPOSITIONS USEFUL FOR MODULATION OF

; TITLE OF INVENTION: ANGIOGENESIS AND VASCULAR PERMEABILITY USING SRC OR

; TITLE OF INVENTION: YES TYROSINE KINASES

; FILE REFERENCE: TSRI 651.2

; CURRENT APPLICATION NUMBER: US/09/470,881

; CURRENT FILING DATE: 1999-12-22

; PRIOR APPLICATION NUMBER: PCT/US99/11780

; PRIOR FILING DATE: 1999-05-28

; PRIOR APPLICATION NUMBER: 60/087,220

; NUMBER OF SEQ ID NOS: 8

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 2

; LENGTH: 1759

; TYPE: DNA

; ORGANISM: Chicken

; FEATURE:

; NAME/KEY: gene

; LOCATION: (1)..(1759)

; OTHER INFORMATION: chicken c-src cDNA

; NAME/KEY: CDS

; LOCATION: (112)..(1710)

US-09-470-881-2

Alignment Scores:

Pred. No.: 4.18e-22 Length: 1759
Score: 289.00 Matches: 86
Percent Similarity: 47.33% Conservative: 47
Best Local Similarity: 30.60% Mismatches: 104
Query Match: 21.36% Indels: 45

[illegible]


```
QY 65 ---AspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyrAsnIlePro 83
Db 340 ACGGAAGTGACTGGTGGCTCATTCCTCACTACAGGACACAGCGGCTACATCCCC 399
QY 84 SerValHisValGlyLys-----ValSerHisGlyTrpLeuTyrGluGlyLeu 99
Db 400 AGTAACATATGTCGGCCCTCAGACTCCATCCAGGCTGAAGAGTGACTTTTGGGAAGATC 459
QY 100 SerArgGluLeuAlaGluLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeu 119
Db 460 ACTCGTCGGGAGTCCGAGCGGCTGCTCTCAACCCCGAAACCCCGGGGAACCTTCTTG 519
QY 120 IleArgGluSerGlnThrArgGlySerTrpSerLeuSerValArgLeuSerArgPro 139
Db 520 GTCCGGGAGAGCGAGACCAAAAGTGCTTATTCCTCTCGGTTTCTGACTTTGACCAAC 579
QY 140 AlaSerTrpAspArgIleArgHisGlyTrpArgIleHisCysLeuAspAsnGlyTrpLeuTyr 159
Db 580 GCCAAGGGGCTCAATGTGAAGCACTACAGATCCGCAAGCTGGACAGCGGCTTCTTAC 639
QY 160 IleSerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisGlySerGluLeu 179
Db 640 ATCACTCAGGCACACAGTTTACGACGCTGCGAGCAGTGGTGGCTTACTTCTCAACAT 699
QY 180 AlaAspIleCysCysLeuLeuLysGluProCys----- 191
Db 700 GCTGATGGCTTGTGCCACCGCTGACCAACGCTGCTCCCAAGCTCCAGCCCGAGCCAG 759
QY 192 ---ValLeuGlnArgAlaGlyProLeuProGlyLysAspIleProLeuProValThrVal 210
Db 760 GAGCTCGCCAGGAGCGCTGGGAATCCCGGGAGTGCCTGCGGCTGGAGGTGAAGCTG 819
QY 211 GlnArgThrProLeuAsnTrpLysGluLeuAspSerSerLeu 224
Db 820 GGGCAGGGCTG-CTT---TGGAGAGGTGTGGATGGGGACCTG 857

RESULT 15
PCT-US93-00445-1
; Sequence 1, Application PC/TUS9300445
; GENERAL INFORMATION:
; APPLICANT: Bell, Leonard
; APPLICANT: Madri, Joseph A.
; APPLICANT: Warren, Stephen L.
; APPLICANT: Luthringer, Daniel J.
; TITLE OF INVENTION: Genetically Engineered
; TITLE OF INVENTION: Endothelial Cells
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESS: Maurice M. Klee
; STREET: 1951 Burr Street
; CITY: Fairfield
; STATE: Connecticut
; COUNTRY: USA
; ZIP: 06430
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 760 Kb storage
; COMPUTER: DELL 486/50
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Displaywrite 3
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00445
; FILING DATE: 19930105
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/820,011
; FILING DATE: 06-JAN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Klee, Maurice M.
; REGISTRATION NUMBER: 30,399
; REFERENCE/DOCKET NUMBER: ALX-101PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (203) 255 1400
```

```
; TELEFAX: (203) 254 1101
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1602 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: Double
; TOPOLOGY: Linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Gallus, gallus
; PUBLICATION INFORMATION:
; AUTHORS: Takeya, Tateuo
; AUTHORS: Hanafusa, Hidesaburo
; TITLE: Structure and Sequence of the
; TITLE: Cellular Gene Homologous to the RSV src
; TITLE: Gene and the Mechanism for Generating the
; TITLE: Transforming Virus
; JOURNAL: Cell
; VOLUME: 32
; PAGES: 881-890
; DATE: March, 1983
; PCT-US93-00445-1

Alignment Scores:
Pred. No.: 6,01e-22 Length: 1602
Score: 287.00 Matches: 81
Percent Similarity: 51.28% Conservatives: 39
Best Local Similarity: 34.62% Mismatches: 84
Query Match: 21.21% Indels: 32
DB: 5 Gaps: 5

US-09-939-853A-75 (1-261) x PCT-US93-00445-1 (1-1602)
QY 5 ProSerArgArgLysSerLeuProSerProSerLeuSerSerSerValGlnGlyGlnGly 24
Db 206 CCGTTACGTCGCCGAGCGGCTGCTGCGGCGCTGCTGCGGCGCTCACC----- 252
QY 25 ProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeuGlySerPhePro 44
Db 253 -----ACTTTCGTGGCTCTCTACAGACTACGAG 279
QY 45 AlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThrIleValSerGlu 64
Db 280 TCCCGGACTGAACGACTTCTCTCAAGAAAGAGAACCGCTGCATTTGTCACCAAC 339
QY 65 ---AspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyrAsnIlePro 83
Db 340 ACGGAAGTGACTGGTGGCTCATTCCTCACTACAGGACACAGCGGCTACATCCCC 399
QY 84 SerValHisValGlyLys-----ValSerHisGlyTrpLeuTyrGluGlyLeu 99
Db 400 AGTAACATATGTCGGCCCTCAGACTCCATCCAGGCTGAAGAGTGACTTTTGGGAAGATC 459
QY 100 SerArgGluLysAlaGluLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeu 119
Db 460 ACTCGTCGGGAGTCCGAGCGGCTGCTCAACCCCGAAACCCCGGGGAACCTTCTTG 519
QY 120 IleArgGluSerGlnThrArgGlySerTrpSerLeuSerValArgLeuSerArgPro 139
Db 520 GTCCGGGAGAGCGAGACCAAAAGTGCTTATTCCTCTCGGTTTCTGACTTTGACCAAC 579
QY 140 AlaSerTrpAspArgIleArgHisGlyTrpArgIleHisCysLeuAspAsnGlyTrpLeuTyr 159
Db 580 GCCAAGGGGCTCAATGTGAAGCACTACAGATCCGCAAGCTGGACAGCGGCTTCTTAC 639
QY 160 IleSerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisGlySerGluLeu 179
Db 640 ATCACTCAGGCACACAGTTTACGACGCTGCGAGCAGTGGTGGCTTACTTCTCAACAT 699
QY 180 AlaAspIleCysCysLeuLeuLysGluProCys----- 191
Db 700 GCTGATGGCTTGTGCCACCGCTGACCAACGCTGCTCCCAAGCTCCAGCCCGAGCCAG 759
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Db 700 GCTGATGGCTTGTGCCACCGCCTGACCAACGTCTGTGCCCAAGTCCAGTCCAGCCCCAGACCCAG 759
Qy 192 ---ValLeuGlnArgalaGlyProLeuProGlyLysAspIleProLeuProValThrVal 210
Db 760 GGAATCGCCCAAGGACGGCTGGGAAATCCCCGGGAGTGGCTGGCGCTGGAGGTGAAGCTG 819
Qy 211 GlnArgThrProLeuAsnTrpLysGluLeuAspSerSerLeu 224
Db 820 GGGCAGGGCTG-CTT---TGGAGAGGTCTGGATGGGGACCTG 857

Search completed: December 30, 2004, 18:15:15
Job time : 114 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM protein - nucleic search, using frame_plus_p2n model

Run on: December 30, 2004, 18:04:20 ; Search time 583 Seconds
(without alignments)
2528.636 Million cell updates/sec

Title: US-09-939-853A-75

Perfect score: 1353

Sequence: 1 MGSUPRRKSLPSPSLSSV.....RESLSFYISLNDLAVSLDDA 261

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Xgapop 10.0 , Xgapext 0.5
Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 4176236 seqs, 2824127955 residues

Total number of hits satisfying chosen parameters: 8352472

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Command line parameters:

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-DB=Published_Applications_NA -QFM=fastap -SUFFIX=rnpb -MINMATCH=0.1
-LOOPCL=0 -LOOPEXT=0 -UNITS=bits -START=1 -END=1 -MATRIX=blosum62
-TRANS=human40.cdi -LIST=45 -DOCALIGN=200 -THR SCORE=pct -THR MAX=100
-THR MIN=0 -ALIGN=15 -MODE=LOCAL -OUTFMT=ptc -NORM=ext -HEAPSZE=500 -MINLEN=0
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-LONGLOG -DEV_TIMEOUT=120 -WARN_TIMEOUT=30 -THREADS=1 -XGAPOP=10 -XGAPEXT=0.5
-FGAPOP=6 -FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database :

1: /cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq.*
2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq.*
3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq.*
4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq.*
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6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq.*
7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq.*
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9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq.*
10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq.*
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14: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq.*
15: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq.*
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20: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
21: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	1353	100.0	1183	11	US-09-939-853A-74	Sequence 74, Appl
2	1353	100.0	1183	11	US-09-939-853A-76	Sequence 76, Appl
3	1347	99.6	786	14	US-10-043-849-1	Sequence 1, Appl
4	1347	99.6	786	17	US-10-432-746A-4	Sequence 4, Appl
5	1205.5	89.2	1413	17	US-10-115-635-120	Sequence 120, App
6	1196.5	88.4	737	17	US-10-432-746A-6	Sequence 6, Appl
7	1028	76.0	777	17	US-10-432-746A-2	Sequence 2, Appl
8	1028	76.0	1348	17	US-10-432-746A-1	Sequence 1, Appl
9	826	61.0	763	9	US-09-867-550-953	Sequence 953, App
10	643	47.5	864	10	US-09-814-353-21302	Sequence 21302, A
11	586	43.3	875	9	US-09-867-550-1915	Sequence 1915, Ap
12	488	36.1	3756	13	US-10-002-600-91	Sequence 91, Appl
13	487	36.0	2665	9	US-09-954-456-499	Sequence 499, App
14	487	36.0	2665	15	US-10-172-118-1312	Sequence 1312, Ap
15	487	36.0	2665	16	US-10-342-887-1312	Sequence 1312, Ap
16	487	36.0	2665	17	US-10-775-169-154	Sequence 154, App
17	487	36.0	3452	18	US-10-723-860-5340	Sequence 5340, Ap
18	452.5	33.4	444	9	US-09-867-550-951	Sequence 951, Appl
19	370.5	27.4	2298	14	US-10-175-523-50	Sequence 50, Appl
20	370.5	27.4	2298	15	US-10-172-118-762	Sequence 762, App
21	370.5	27.4	2298	16	US-10-159-563-343	Sequence 343, App
22	370.5	27.4	2298	16	US-10-342-887-762	Sequence 762, App
23	370.5	27.4	2298	16	US-10-641-643-1158	Sequence 1158, Ap
24	370.5	27.4	2298	17	US-10-755-889-269	Sequence 269, App
25	360.5	26.6	1924	16	US-10-193-720-1	Sequence 1, Appl
26	360.5	26.6	2015	9	US-09-954-456-1983	Sequence 1983, Ap
27	360.5	26.6	2015	15	US-10-007-010-3	Sequence 3, Appl
28	360.5	26.6	2015	15	US-10-172-118-726	Sequence 726, App
29	360.5	26.6	2015	16	US-10-342-887-726	Sequence 726, App
30	360.5	26.6	2015	16	US-10-641-643-1105	Sequence 1105, Ap
31	360.5	26.6	2015	17	US-10-755-889-261	Sequence 261, App
32	360.5	26.6	2015	17	US-10-775-169-106	Sequence 106, App
33	360.5	26.6	2341	15	US-10-252-157-140	Sequence 140, App
34	360.5	26.6	2343	16	US-10-062-674-2038	Sequence 2038, Ap
35	358.5	26.5	1911	9	US-09-917-800A-1611	Sequence 1611, Ap
36	350	25.9	320	10	US-09-814-353-17314	Sequence 17314, A
37	348	25.7	1530	11	US-09-997-722-234	Sequence 234, App
38	348	25.7	2032	11	US-09-997-722-233	Sequence 233, App
39	348	25.7	2032	15	US-10-366-288-27	Sequence 27, Appl
40	348	25.7	2032	17	US-10-316-515-4	Sequence 4, Appl
41	340	25.1	2017	16	US-10-062-674-1776	Sequence 1776, Ap
42	340	25.1	2034	9	US-09-805-020-3	Sequence 3, Appl
43	340	25.1	2129	10	US-09-960-706-954	Sequence 954, App
44	340	25.1	2129	16	US-10-305-720-1452	Sequence 1452, Ap
45	340	25.1	2129	17	US-10-316-515-75	Sequence 75, Appl

ALIGNMENTS

RESULT 1

US-09-939-853A-74
; Sequence 74, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939_853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 74

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Qy	221	AspSerSerLeuLeuPheSerCgluaalalaThrGlyGluSerLeuLeuSerGluGly	240
Db	126	GACAGTCCTCCTCTTTTCTGAAGCTGCCACAGGGAGGAGTCTCTTCTCATGAGGGT	67
Qy	241	LeuArgGluSerLeuSerPheTryIleSerLeuAsnAspGluAlaValSerLeuAspAsp	260
Db	66	CTCCGGGAGTCCCTCAGCTTTCATCATCGCTGTAATGACAGGCTGTCTCTTTGGATGAT	7
Qy	261	Ala 261	
Db	6	GCC 4	

RESULT 3

US-10-043-649-1
; Sequence 1, Application US/10043649
; Publication No. US20030059924A1
; GENERAL INFORMATION:
; APPLICANT: Holland, Sacha J.
; APPLICANT: Mendenhall, Marcy K.
; APPLICANT: Pardo, Jorge
; APPLICANT: Spencer, Collin
; APPLICANT: Fu, C. Alan
; APPLICANT: Luo, Ying
; APPLICANT: Payan, Donald G.
; APPLICANT: Mancebo, Helena S.Y.
; APPLICANT: Wu, Jun
; APPLICANT: Zhou, Xiulan
; APPLICANT: Shen, Mary
; APPLICANT: Liao, X. Charlene
; APPLICANT: Sheng, Ning
; TITLE OF INVENTION: Cloning of a No. US20030059924A1el Inhibitor of Antigen-receptor
; TITLE OF INVENTION: Retroviral-based Functional Screen

Alignment Scores:		
Pred. No.:	1.64e-149	786
Score:	1347.00	260
Percent Similarity:	99.62%	Conservative: 0
Best Local Similarity:	99.62%	Mismatches: 1
Query Match:	99.56%	Indels: 0
DB:	14	Gaps: 0

US-09-939-853A-75 (1-261) x US-10-043-649-1 (1-786)

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QY	21	GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu	40
Db	61	CAAGGCCACGGGACCTGTGCACATGAACAGAGAGAAGCCAGCCGCTGGGCCCTGTG	120
QY	41	GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr	60

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Percent Similarity: 99.62% Conservativity: 0
Best Local Similarity: 99.62% Mismatches: 1
Query Match: 99.56% Indels: 0
DB: 17 Gaps: 0

US-09-939-853A-75 (1-261) x US-10-432-746A-4 (1-786)

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Qy 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
Db 61 CAAGGCCAGGACTGTGACATGGAAGCAGAGAGAGAGCCACAGCCGCTGGCCCTG 120
Qy 41 GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr 60
Db 121 GGCAGTTTCCCGCAGGTGCCCGCCGAGCTGTGCTGAGACTCGGGGAGCCATTGACC 180
Qy 61 IleValSerGluAspGlyAspTrrPrrThrValLeuSerGluValSerGlyArgGluTyr 80
Db 181 ATCGTCTCTGAGGATGAGACTGTGTGACCGTGTCTGAAAGTCTCAGGACAGAGAT 240
Qy 81 AsnIleProSerValHisValGlyLysValSerHisGlyTrrPrrLeuTyrGluGlyLeuSer 100
Db 241 AACATCCCGAGCTCCACGTGGCCAAAGTCTCCCATGGTGGCTGTATGAGGCCCTGAGC 300
Qy 101 ArgGluLysAlaGluGluLeuLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuIle 120
Db 301 AGGAGAAAGCAGAGGAACCTGCTGTGTTACCTGGGAACCTCGAGGGGCTTCTCATC 360
Qy 121 ArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAla 140
Db 361 CGGAGAGCCAGACAGGAGAGGCTCTTACTCTGTCTGTCAGTCCGCTCAGCCGCCCTGCA 420
Qy 141 SerTrrPrrAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrrPrrLeuTyrIle 160
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Qy 161 SerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAla 180
Db 481 TCACCGGCTCTACCTTCCCTCCTCACTCCAGGCCCTGGTGAGCCATTACTCTGAGCTGGC 540
Qy 181 AspAspIleCysCysLeuLeuLeuGluProCysValLeuGlnArgAlaGlyProLeuPro 200
Db 541 GATGACATCTCTGCTGCTACTCAAGAGCCCTGTGTCTGTGAGGGCTGGCCGCTCCCT 600
Qy 201 GlyLysAspIleProLeuProValThrValGlnArgThrProLeuAsnTrrPrrLysGluLeu 220
Db 601 GGCAAGGATATACCCCTACCTGTGACTGTGCAGAGGACACCACCTCAACTGMAAGAGCTG 660
Qy 221 AspSerSerLeuLeuPheSerGluAlaAlaThrGlyGlnGluSerLeuLeuSerGluGly 240
Db 661 GACAGCTCCCTCTCTGTTTCTGAAAGCTGCCACAGGGAGGAGTCTCTTCTCAGTGAGGT 720
Qy 241 LeuArgGluSerLeuSerPheTyrIleSerLeuAsnAspGluAlaValSerLeuAspAsp 260
Db 721 CTCCGGAGTCCCTCAGCTTCTATCATAGCCTGATGACGAGGCTGTCTCTTTGGATGAT 780

261 Ala 261
781 GCC 783

RESULT 5
US-10-115-635-120
; Sequence 120, Application US/10115635
; Publication No. US20040137434A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Zhou, Ping
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
```

APPLICANT: Ren, Feiyan
APPLICANT: Zhang, Jie
APPLICANT: Zhao, Qing A.
APPLICANT: Xue, Aiding J.
APPLICANT: Yang, Yonghong
APPLICANT: Wehrman, Tom
APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: Novel Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 797CON
CURRENT APPLICATION NUMBER: US/10/115,635
CURRENT FILING DATE: 2002-04-03
PRIOR APPLICATION NUMBER: 09/714,936
PRIOR FILING DATE: 2000-11-17
NUMBER OF SEQ ID NOS: 362
SOFTWARE: pt_FL_genes Version 2.0
SEQ ID NO 120
LENGTH: 1413
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (54)..(686)
US-10-115-635-120

Alignment Scores: 1-61e-132 Length: 1413
Pred. No.: 1206.50 Matches: 240
Score: 91.60% Conservativity: 0
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Query Match: 89.17% Indels: 18
DB: 17 Gaps: 1

US-09-939-853A-75 (1-261) x US-10-115-635-120 (1-1413)

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Qy 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
Db 114 CAAGGCCAGGACTGTGACATGGAAGCAGAGAGAGAGCCACAGCCGCTGGCCCTG 173
Qy 41 GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr 60
Db 174 GGCAGTTTCCCGCAGGTGCCCGCCGAGCTGTCTGCTGAGACTCGGGGAGCCATTGACC 233
Qy 61 IleValSerGluAspGlyAspTrrPrrThrValLeuSerGluValSerGlyArgGluTyr 80
Db 234 ATCGTCTCTGAGGATGAGACTGTGTGACCGTGTCTGTGAAGTCTCAGGACAGAGAT 293
Qy 81 AsnIleProSerValHisValGlyLysValSerHisGlyTrrPrrLeuTyrGluGlyLeuSer 100
Db 294 AACATCCCGAGCTCCACGTGGCCAAAGTCTCCATGGTGGCTGTATGAGGCCCTGAGC 353
Qy 101 ArgGluLysAlaGluGluLeuLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuIle 120
Db 354 AGGAGAAAGCAGAGGAACCTGCTGTGTTACCTGGGAACCTCGAGGGGCTTCTCATC 413
Qy 121 ArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAla 140
Db 414 CGGAGAGCCAGACAGGAGAGGCTCTTACTCTGTCTGCTCAGTCCGCTCAGCCGCCCTGCA 473
Qy 141 SerTrrPrrAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrrPrrLeuTyrIle 160
Db 474 TCCTGGACCGGATCAGACACTACAGGATCCACTGCTTGACAAATGCTGGCTGTACATC 533
Qy 161 SerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAla 180
Db 534 TCACCGGCTCTACCTTCCCTCCTCACTCCAGGCCCTGGGGGAGCCATTAC----- 581
Qy 181 AspAspIleCysCysLeuLeuLysGluProCysValLeuGln-ArgAlaGlyProLeuPr 200

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Db 582 -----TCTGAGGGCTGGCCCGCTCCC 602
Qy 200 oGlyLysAspIleProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLe 220
Db 603 TGGCAAGGATATACCCCTACCTGTGACGTGTGCAGAGGACACCACTCAACTGGAAAGAGCT 662
Qy 220 uAspSerSerLeuLeuPheSerGluAlaAlaThrGlyGluGluSerLeuLeuSerGluG1 240
Db 663 GGACAGCTCCCTCTGTTTCTGAAGCTGCCACAGGGGAGGAGTCTCTTCTCAGTGAGGG 722
Qy 240 YLeuArgGluSerLeuSerPheTyrIleSerLeuAsnAspGluAlaValSerLeuAspAs 260
Db 723 TCTCGGAGAGTCCCTCAGCTTCTACATCAGCCCTGAATGACGAGGCTGTCITTTGGATGA 782
Qy 260 pAla 261
Db 783 TGCC 786

RESULT 6
US-10-432-746A-6
; Sequence 6, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; PRIOR FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 737
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-432-746A-6

Alignment Scores:
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Score: 1196.50 Matches: 240
Percent Similarity: 92.02% Conservative: 2
Best Local Similarity: 91.25% Mismatches: 2
Query Match: 88.43% Indels: 19
DB: 17 Gaps: 1

US-09-939-853A-75 (1-261) x US-10-432-746A-6 (1-737)
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Db 1 ATGGGAAGTCTGCCAGCAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCCTCTGTC 60
Qy 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
Db 61 CAAGGCCAGGACCTGTGACCATGGAAGCAGAGAGCAAGGCCACAGCCGTGGCCCTG 120
Qy 41 GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr 60
Db 121 GGCAGTTCCTCCGCGAGGTGGCCGCGCGAGTGTGCTGAGACTCGGGGAGCCATTGACC 180
Qy 61 IleValSerGluAspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyr 80
Db 181 ATCGTCTCTGAGGATGGAGACTGGGACGGTGTCTGTAAGTCTCAGGAGAGAGPAT 240
Qy 81 AsnIleProSerValHisValGlyLysValSerHisGlyTyrLeuTyrGluGlyLeuSer 100
Db 241 AACATCCCAAGGTCACAGTGGCCAAAGTCTCCCATGGGTGGCTGTATGAGGGCTGAGC 300
Qy 101 ArgGluLysAlaGluGluLeuLeuLeuProGlyAsnProGlyGlyAlaPheIle 120
Db 101 ArgGluLysAlaGluGluLeuLeuLeuProGlyAsnProGlyGlyAlaPheIle 120
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Db 301 AGGAGAAAGCAGAGGAACTGCTGTGTATTACTGGGAACCCCTGGAGGGCCCTTCTCTATC 360
Qy 121 ArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAla 140
Db 361 CGGAGAGCCAGACCCAGGAGAGGCTCTTACTCTCTGTCTCAGTCCGCTCAGCGCCCTGCA 420
Qy 141 SerTrpAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyrIle 160
Db 421 TCCTGGGACCCGATCAGACACTACAGGATCCACTGCCTTGCAATGGCTGGCTGTACATC 480
Qy 161 SerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAla 180
Db 481 TCACCGCCCTCACCTCCCTCTCACTCAGGCCCTGGTGGACCATTC-----528
Qy 181 AspAspIleCysCysLeuLeuLysGluProCysValLeuGln-ArgAlaGlyProLeuPr 200
Db 529 -----TCTGAGGGCTGGCCCGCTCCC 549
Qy 200 oGlyLysAspIleProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLe 220
Db 550 TGGCAAGGATATACCCCTACCTGTGACGTGTGCGGAGGACACCACTCAACTGGAAAGAGCT 609
Qy 220 uAspSerSerLeuLeuPheSerGluAlaAlaThrClyGluGluSerLeuSerGluG1 240
Db 610 GGACAGCTCCCTCTGTTTCTGAAGCTGCCACAGGGGAGGAGTCTCTTCTCAGTGAGGG 669
Qy 240 YLeuArgGluSerLeuSerPheTyrIleSerLeuAsnAsp-GluAlaValSerLeuAspA 260
Db 670 TCTCGGAGTCCCTCAGCTTCTACATCAGCCCTGAATGACGAGGCTGTCTCTTTGGATG 729
Qy 260 pAla 261
Db 730 ATGCC 734

RESULT 7
US-10-432-746A-2
; Sequence 2, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; PRIOR FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 777
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-432-746A-2

Alignment Scores:
Pred. No.: 9,69e-112 Length: 777
Score: 1028.00 Matches: 208
Percent Similarity: 85.50% Conservative: 16
Best Local Similarity: 79.39% Mismatches: 34
Query Match: 75.98% Indels: 4
DB: 17 Gaps: 3

US-09-939-853A-75 (1-261) x US-10-432-746A-2 (1-777)
Qy 1 MetGlySerLeuProSerArgArgLysSerLeuProSerProSerLeuSerSerSerVal 20
Db 1 ATGGGAAGTTCCTCAGCAGAGGAGGAAACCC---TCCAGCCCCCAGCCCCAGCTCTCTGCT 57
Qy 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
Db 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
```

Db	58	CCAGACACGAGAACCCGTTGTCATGCAACACGAAAGACACAGGTACACACTGTGGCCCTG	117
Qy	41	GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr	60
Db	118	GGCAGTTTCCACAGAGTGAACAGGCAGACATATCTCTGAGACTCGGGAGCGCTGACC	177
Qy	61	IleValSerGluAspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyr	80
Db	178	ATCATCTCTGAGGATGGAGATTGGTGACAGTCCAGTCGGAAGTCTCAGCAGAGAGTAC	237
Qy	81	AsnIleProSerValHisValGlyLysValSerHisGlyTrpLeuTyrGluGlyLeuSer	100
Db	238	CACATGCCAGTGTGTATGTGGCTAAAGTCCACCGGTGGCTGTACGAGGCGCTGAGC	297
Qy	101	ArgGluLysAlaGluGluLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuIle	120
Db	298	CGGAGAGAACCGCAGGAATCTCTGTATCTTACCTGGGAACCCCGAGGGCGCTTCTCATC	357
Qy	121	ArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAla	140
Db	358	CGGAGAGCCAGACCCAGGAGGGCTGTATTTCCCTGTCTCCGACTCAGCCGCCCTGCA	417
Qy	141	SerTrpAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyrIle	160
Db	418	TCCTTGGACCGGATCAGACACTACAGGATACAGCGTCTTGACATATGGCTGGCTGATAC	477
Qy	161	SerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAla	180
Db	478	TCACCTCGCTCACCTCCCTCACTCCAGCGCTTGGTGAGCATTTACTCTGAGCTAGCA	537
Qy	181	AspAspIleCysCysLeuLeuLysGluProCysValLeuGlnArgAlaGlyProLeuPro	200
Db	538	GATGGCATCTGCTGTCCCTCAGGAGCGGTGTCTCTCGAGAAAGCTTGGGCCACTACCT	597
Qy	201	GlyLysAspIleProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLeu	220
Db	598	GGCAAGATACACTCCACCTGTGACTGTGCCACATCATCTAAATTTGGAAAAAGCTG	657
Qy	221	AspSerSerLeuLeuPheSerGluAla---AlaThrGlyGluGluSerLeuLeuSerGlu	239
Db	658	GACCGCAGCTCTCTGTTCTGGAAGCACCTCGAGTGGGAGGCACTCTGCTCAGTGAG	717
Qy	240	GlyLeuArgGluSerLeuSerPheTyrIleSerLeuAsnAspGluAlaValSerLeuAsp	259
Db	718	GGGCTCCGAGAGTCCCTCAGTCTCTACATCAGCTGGCTGAGGAC-----CCCTTGAT	771
Qy	260	AspAla 261	
Db	772	GATGCT 777	
RESULT 8			
US-10-432-746A-1			
; Sequence 1, Application US/10432746A			
; Publication No. US20040171537A1			
; GENERAL INFORMATION:			
; APPLICANT: McGlade, Jane			
; APPLICANT: Loreto, Michael			
; TITLE OF INVENTION: ADAPTER GENE			
; FILE REFERENCE: 3477.102			
; CURRENT APPLICATION NUMBER: US/10/432,746A			
; PCT FILING DATE: 2003-05-27			
; PRIOR APPLICATION NUMBER: PCT/CA01/01662			
; PRIOR FILING DATE: 2001-11-26			
; PRIOR APPLICATION NUMBER: CA 2,324,663			
; PRIOR FILING DATE: 2000-11-27			
; NUMBER OF SEQ ID NOS: 17			
; SOFTWARE: PatentIn version 3.2			
; SEQ ID NO 1			
; LENGTH: 1348			
; TYPE: DNA			
; ORGANISM: Mus musculus			
US-10-432-746A-1			
RESULT 9			
US-09-867-550-953			
; Sequence 953, Application US/09867550			
; Patent No. US2002008206A1			
; GENERAL INFORMATION:			
; APPLICANT: Leach, Martin D.			
; APPLICANT: Mehraban, Fuad,			

Alignment Scores:		2,07e-111	Length:	1348
Pred. No.:		1028,00	Matches:	208
Score:		85.50%	Conservative:	16
Best Local Similarity:		79.39%	Mismatches:	34
Query Match:		17	Indels:	4
DB:			Gaps:	3
US-09-939-853A-75 (1-261) x US-10-432-746A-1 (1-1348)				
Qy	1	MetGlySerLeuProSerArgLysSerLeuProSerProSerLeuSerSerSerVal	20	
Db	282	ATGGGAAGTTTGTCCAGCAGAGGGAACCC---TCACGCCCCAGCCCGCTCTCTCGT	338	
Qy	21	GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu	40	
Db	339	CCAGACCCAGGAACCCGTTGTCATGACACCAAGACACACAGGTACAGCTGTGGCCCTG	398	
Qy	41	GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr	60	
Db	399	GGCAGTTTCCACAGCAGGTGAACAGGCCAGACTATCTCTGAGACTCGGGAGCGCTGACC	458	
Qy	61	IleValSerGluAspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyr	80	
Db	459	ATCATCTCTGAGGATGGAGATTGGTGACAGTCCAGTCCGAAAGTCTCAGGCGAGAGTAC	518	
Qy	81	AsnIleProSerValHisValGlyLysValSerHisGlyTrpLeuTyrGluGlyLeuSer	100	
Db	519	CACATGCCAGTGTGTATGTGGCTAAAGTCCGCCACCGGTGGCTGTACGAGGCGCTGAGC	578	
Qy	101	ArgGluLysAlaGluGluLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuIle	120	
Db	579	CGGAGAAAGCCGAGGAATCTCTCTGTATCTGGGAACCCCGAGGGCGCTTCTCATC	638	
Qy	121	ArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAla	140	
Db	639	CGGAGAGCCAGACCCAGGAGGGCTGTATTCCTGTCCGTCCGACTCAGCCGCCCTGCA	698	
Qy	141	SerTrpAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyrIle	160	
Db	699	TCCTTGGACCGGATCAGACACTACAGGATACAGCGTCTTGACATATGGCTGGCTGATAC	758	
Qy	161	SerProArgLeuThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAla	180	
Db	759	TCACCTCGCTCACCTTCCCTCACTCCAGCGCTTGGTGAGCATTTACTCTGAGCTAGCA	818	
Qy	181	AspAspIleCysCysLeuLeuLysGluProCysValLeuGlnArgAlaGlyProLeuPro	200	
Db	819	GATGGCATCTGCTGTCCCTCAGGAGCGGTGTCTCTCAGAGAGCTTGGGCCACTACCT	878	
Qy	201	GlyLysAspIleProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLeu	220	
Db	879	GGCAAGATACACTCCACCTGTGACTGTGCCAACATCATCTAAATTTGGAAAAAGCTG	938	
Qy	221	AspSerSerLeuLeuPheSerGluAla---AlaThrGlyGluGluSerLeuSerGlu	239	
Db	939	GACCGCAGCTCTCTGTTCTTGGAAAGCACCTCGAGTGGGAGGCACTCTGCTCAGTGAG	998	
Qy	240	GlyLeuArgGluSerLeuSerPheTyrIleSerLeuAsnAspGluAlaValSerLeuAsp	259	
Db	999	GGGCTCCGAGAGTCCCTCAGTCTCTACATCAGCTGGCTGAGGAC-----CCCTTGAT	1052	
Qy	260	AspAla 261		
Db	1053	GATGCT 1058		
RESULT 9				
US-09-867-550-953				
; Sequence 953, Application US/09867550				
; Patent No. US2002008206A1				
; GENERAL INFORMATION:				
; APPLICANT: Leach, Martin D.				
; APPLICANT: Mehraban, Fuad,				

APPLICANT: Conley, Pamela
APPLICANT: Law, Debbie
APPLICANT: Topper, James
TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and
TITLE OF INVENTION: Thereby
FILE REFERENCE: 21402-013 (Cura-313)
CURRENT APPLICATION NUMBER: US/09/867,550
PRIOR FILING DATE: 2001-09-20
PRIOR APPLICATION NUMBER: USSN 60/208,427
PRIOR FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 2125
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 953
LENGTH: 763
TYPE: DNA
ORGANISM: Homo sapiens
US-09-867-550-953

Alignment Scores:
Pred. No.: 7.9e-88 Length: 763
Score: 826.00 Matches: 158
Percent Similarity: 99.37% Conservative: 0
Best Local Similarity: 99.37% Mismatches: 1
Query Match: 61.05% Indels: 0
DB: 9 Gaps: 0

US-09-939-853A-75 (1-261) x US-09-867-550-953 (1-763)

Qy 1 MetGlySerLeuProSerArgArgGlySerLeuProSerProSerLeuSerSerVal 20
Db ATGGGAAGTCTGCCAGCAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTGTC 345

Qy 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
Db CAAGCCAGGACCTGTGACCATGGAGCAGAGAACCAAGCCACAGCCGTGGCCCTG 405

Qy 41 GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr 60
Db GGCAGTTTCCCGCAGGTGGCCCGCCGAGCTGTGCTGAGACTCGGGAGGCCATTGACC 465

Qy 61 IleValSerGluAspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyr 80
Db ATCTGCTCTGAGGATGGAGACTGTGGACGGTGTCTGTAAGTCTCAGGCAGAGATAT 525

Qy 81 AsnIleProSerValHisValGlyLysValSerHisGlyTrpLeuTyrGluLysSer 100
Db AACATCCCGCCAGTCCAGTGGCCAAAGTCTCCCATGGGTGGCTGTATGAGGGCTGAGC 585

Qy 101 ArgGluLysAlaGluLeuLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuLe 120
Db AGGGAGAAAGCAGAGGAAGTCTGTTTACCTGGGAACCTCGGAGGGCCCTTCTCATC 645

Qy 121 ArgGluSerGlnThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAla 140
Db CGGAGAGCCAGACAGAGAGGCTTACCTCTGTGTCAGTCCGCTCAGCGCCCTGCA 705

Qy 141 SerTrpAspArgIleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyr 159
Db TCCTGGGACCGATCAGACACTACAGATCCATGCTTGCCTTGACATGGCTGCTGTAC 762

RESULT 10
US-09-814-353-21302
Sequence 21302, Application US/09814353
Publication No. US20030165831A1
GENERAL INFORMATION:
APPLICANT: Lee, John
APPLICANT: Thompson, Pamela
APPLICANT: Lillie, James
TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
FILE REFERENCE: MRI-006B
CURRENT APPLICATION NUMBER: US/09/814,353

CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: US 60/191,031
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: US 60/207,124
PRIOR FILING DATE: 2000-05-25
PRIOR APPLICATION NUMBER: US 60/211,940
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: US 60/216,820
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 60/220,661
PRIOR FILING DATE: 2000-07-25
PRIOR APPLICATION NUMBER: US 60/257,672
PRIOR FILING DATE: 2000-12-21
NUMBER OF SEQ ID NOS: 22037
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 21302
LENGTH: 864
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: 1, 2, 3, 32, 862, 863, 864
OTHER INFORMATION: n = A, T, C or G
US-09-814-353-21302

Alignment Scores:
Pred. No.: 4.41e-66 Length: 864
Score: 643.00 Matches: 126
Percent Similarity: 98.45% Conservative: 1
Best Local Similarity: 97.67% Mismatches: 2
Query Match: 47.52% Indels: 0
DB: 10 Gaps: 0

US-09-939-853A-75 (1-261) x US-09-814-353-21302 (1-864)

Qy 1 MetGlySerLeuProSerArgArgGlySerLeuProSerProSerLeuSerSerVal 20
Db ATGGGAAGTCTGCCAGCAGAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTGTC 509

Qy 21 GlnGlyGlnGlyProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeu 40
Db CAAGCCAGGACCTGTGACCATGGAGCAGAGAACCAAGCCACAGCCGTGGCCCTG 569

Qy 41 GlySerPheProAlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThr 60
Db GGCAGTTTCCCGCAGGTGGCCCGCCGAGCTGTGCTGAGACTCGGGAGGCCATTGACC 629

Qy 61 IleValSerGluAspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyr 80
Db ATCTGCTCTGAGGATGGAGACTGTGGACGGTGTCTGTAAGTCTCAGGCAGAGATAT 689

Qy 81 AsnIleProSerValHisValGlyLysValSerHisGlyTrpLeuTyrGluLysSer 100
Db AACATCCCGCCAGTCCAGTGGCCAAAGTCTCCCATGGGTGGCTGTATGAGGGCTGAGC 749

Qy 101 ArgGluLysAlaGluLeuLeuLeuLeuProGlyAsnProGlyGlyAlaPheLeuLe 120
Db AGGGAGAAAGCAGAGGAAGTCTGTTTACCTGGGAACCTCGGAGGGCCCTTCTCATC 809

Qy 121 ArgGluSerGlnThrArgArgGlySer 129
Db CGGAGAGCCAGACAGAGAGGTCC 836

RESULT 11
US-09-867-550-1915
Sequence 1915, Application US/09867550
Patent No. US20020082206A1
GENERAL INFORMATION:
APPLICANT: Leach, Martin D.
APPLICANT: Mehraban, Fuad,
APPLICANT: Conley, Pamela
APPLICANT: Law, Debbie
APPLICANT: Topper, James

```

; TITLE OF INVENTION: No. US20020082206A1e1 Polynucleotides from Atherogenic Cells and
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: Fast-Seq for Windows Version 4.0
; SEQ ID NO 1915
; LENGTH: 875
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: Wherein n is one of a or t or c or g
; US-09-867-550-1915

Alignment Scores:
Pred. No.: 2,52e-59 Length: 875
Score: 586.00 Matches: 112
Percent Similarity: 100.00% Conservative: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 43.31% Indels: 0
DB: 9 Gaps: 0

US-09-939-853A-75 (1-261) x US-09-867-550-1915 (1-875)
QY 150 IleHisCysLeuAspAsnGlyTrpLeuTyrIleSerProArgLeuThrPheProSerLeu 169
Db 4 ATCCACTGCTGTGACAAATGGCTGTGACATCTACCGCGGCTCACCTTCCCTCCTC 63
QY 170 GlnAlaLeuValAspHisTyrSerGluLeuAlaAspAspIleCysCysLeuLeuLysGlu 189
Db 64 CAGGCGCTGTGTGACCAATTTACTCTGAGCTGGCGGATGACATCTGCTGCTACTCAAGGAG 123
QY 190 ProCysValLeuGlnArgAlaGlyProLeuProGlyLysAspIleProLeuProValThr 209
Db 124 CCCTGTGTCTGCAGAGGGCTGGCGGCTCCCTGGCAGGATATACCCCTACCTGTGACT 183
QY 210 ValGlnArgThrProLeuAsnTrpLysGluLeuAspSerSerLeuLeuPheSerGluAla 229
Db 184 GTGCAGAGACACCACTCACTGGAAGAGCTGGACAGCTCCCTCCCTGTTTCTGAAGCT 243
QY 230 AlaThrGlyGluGluSerLeuLeuSerGluGlyLeuArgGluSerLeuSerPheTyrIle 249
Db 244 GCCACAGGGGAGGAGTCTCTTCTCAGTGAGGGTCTCCGGGAGTCCCTCAGCTTCTATCATC 303
QY 250 SerLeuAsnAspGluAlaValSerLeuAspAla 261
Db 304 AGCCTGAATGACGAGGCTGTCTCTTTGGATGATGCC 339

RESULT 12
US-10-002-600-91
; Sequence 91, Application US/10002600
; Publication No. US20020137077A1
; GENERAL INFORMATION:
; APPLICANT: Hopkins, Christopher M.
; APPLICANT: Peterson, David P.
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Hawkins, Phillip R.
; TITLE OF INVENTION: GENES REGULATED IN ACTIVATED T CELLS
; FILE REFERENCE: PA-0042 US
; CURRENT APPLICATION NUMBER: US/10/002,600
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 60/243,521
; PRIOR FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PERL Program
; SEQ ID NO 91
; LENGTH: 3756
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Template ID: 059263.15
; US-10-002-600-91

Alignment Scores:
Pred. No.: 7,62e-47 Length: 3756
Score: 488.00 Matches: 101
Percent Similarity: 57.20% Conservative: 46
Best Local Similarity: 39.30% Mismatches: 94
Query Match: 36.07% Indels: 16
DB: 13 Gaps: 3

US-09-939-853A-75 (1-261) x US-10-002-600-91 (1-3756)
QY 5 ProSerArgArgLysSerLeuProSerProSerLeuSerSerValGlnGlyGlnGly 24
Db 1098 CCAGGGAAGAAAGAAATGGGAACAGCATGAAATCCACCCCTGGCCTGCCGAGAGG 1157
QY 25 ProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeuGlySerPhePro 44
Db 1158 CCCCTGCCCAACCCGAGGAGTGGATAGCGACTTCTTGGCTGCTAAGTGACTACCCG 1217
QY 45 AlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThrIleValSerGlu 64
Db 1218 TCTCTGACATCAGCCGCCCGATATTCGCGGAGGAGAACTGCGTGTGATTCTGAT 1277
QY 65 AspGlyAspTrpTrpThrValLeuSerGluValSerGlyArgGluTyrAsnIleProSer 84
Db 1278 GAAGGGGGCTGTGGAAAGCTATTTCTTACCATGGCTGTGAGGGCTGGGAGAGAGTACATCCTGGA 1337
QY 85 ValHisValGlyLysValSerHisGlyTrpLeuTyrGluGlyLeuSerArgGluLysAla 104
Db 1338 ATATGTGTGGCCAGAGTTTACCATGGCTGTGTTGAGGGCTGGGAGAGACAAAGGCC 1397
QY 105 GluGluLeuLeuLeuLeuProGlyAsnProGlyAlaPheLeuIleArgGluSerGln 124
Db 1398 GAGGAGCTCTGCAGCTGCGCACACAAAGTGGCTCTTCATGATCAGAGAGTGTAG 1457
QY 125 ThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAlaSerTrpAspArg 144
Db 1458 ACCAAGAAAGGTTTACTACTGTGCTGGTGAGACAAAGG-----CAG 1499
QY 145 IleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyrIleSerProArgLeu 164
Db 1500 GTAAAGCATTAACCGCATTTTCCGCTCTGCCCAACACTGTGTACTTACATTTCCCGAGGCTC 1559
QY 165 ThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAlaAspAspIleCys 184
Db 1560 ACCTTCCAGTGTGGAGGAGCTTGGTGAACCACTATTCTGAGGTGCTGATGGCCTGTGC 1619
QY 185 CysLeuLeuLysGluProCysValLeuGlnArgAlaGlyProLeuProGlyLysAspIle 204
Db 1620 TGTGTGCTCACCACCGCTGCTGTGACACAAAGCAGCGCTGCCCGAGAGGGCTCC 1679
QY 205 ProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLeuAspSerLeu 224
Db 1680 AGCTCACCTGTCTACCTTGGCTGAGAAGACTGTGGACTGGAGGAGAGTGTCCAGA----- 1733
QY 225 LeuPheSerGluAlaAlaThrGly-----GluGluSerLeuLeu 237
Db 1734 ---CTGAGGAGGAGACCCCGAGGAGACAGAGAACCCGCTTGGGGGTAGACGAGTCCCTTTTC 1790
QY 238 SerGluGlyLeuArgGluSerLeuSerPheTyrIleSerLeuAsnAspGlu 254
Db 1791 AGCTATGGCCTTCGAGAGAGCAITTGCTCTTACCTGTCTCCTGACCACTGAG 1841

RESULT 13
US-09-954-456-499
; Sequence 499, Application US/09954456
; Patent No. US20020115057A1
; GENERAL INFORMATION:
```

APPLICANT: Young, Paul
TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using Candi

FILE REFERENCE: Sets

CURRENT APPLICATION NUMBER: US/09/954,456

CURRENT FILING DATE: 2001-09-18

PRIOR APPLICATION NUMBER: US/60/233,617

PRIOR FILING DATE: 2000-09-18

PRIOR APPLICATION NUMBER: US/60/234,052

PRIOR FILING DATE: 2000-09-20

PRIOR APPLICATION NUMBER: US/60/234,923

PRIOR FILING DATE: 2000-09-25

PRIOR APPLICATION NUMBER: US/60/235,134

PRIOR FILING DATE: 2000-09-25

PRIOR APPLICATION NUMBER: US/60/235,637

PRIOR FILING DATE: 2000-09-26

PRIOR APPLICATION NUMBER: US/60/235,638

PRIOR FILING DATE: 2000-09-26

PRIOR APPLICATION NUMBER: US/60/235,711

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: US/60/235,720

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: US/60/235,840

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: US/60/235,863

PRIOR FILING DATE: 2000-09-27

NUMBER OF SEQ ID NOS: 2276

SOFTWARE: PatentIn version 3.0

SEQ ID NO 499

LENGTH: 2665

TYPE: DNA

ORGANISM: Homo sapiens

US-09-954-456-499

Alignment Scores:

Pred. No.: 6,23e-47 Length: 2665

Score: 487.00 Matches: 101

Percent Similarity: 57.20% Conservative: 46

Best Local Similarity: 39.30% Mismatches: 94

Query Match: 35.99% Indels: 16

DB: 9 Gaps: 3

US-09-939-853A-75 (1-261) x US-09-954-456-499 (1-2665)

Qy 5 ProSerArgArgLysSerLeuProSerProSerLeuSerSerValGlnGlyGlnGly 24

Db 24 CCAGGAAAGAAAGAAATGGAAACAGCATGAATCCACCCCTGCCCTGCCAGAGG 83

Qy 25 ProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeuGlySerPhePro 44

Db 84 CCCCTGCCCAACCCGAGGAGCTGGATAGCGACTTCTTCCGCTGAAGTACTACCG 143

Qy 45 AlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThrIleValSerGlu 64

Db 144 TCTCTGATCATCAGCCCCCGCATATTCGCGCGAGGGAGAACTCGGTGATTTCTGAT 203

Qy 65 AspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyrAsnIleProSer 84

Db 204 GAAGGGCGCTGGAAAGCTATTCTTAGCATCTGGTCGAGAGATTACATCCCTCGA 263

Qy 85 ValHisValGlyLysValSerHisGlyTrpLeuTyrGluGlyLeuSerArgGluLysAla 104

Db 264 ATATGTGGCCAGAGTTTACCATGGCTGGCTGTTTGGGGCTGGCGAGACAGAGGCC 323

Qy 105 GluGluLeuLeuLeuLeuProGlyAsnProGlyAlaPheLeuIleArgGlnSerGln 124

Db 324 GAGGAGCTGCTGCAGCTGCCAGACAAAGGTGCGCTCTTCATCATCATCAGAGAGTGAG 383

Qy 125 ThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAlaSerTrpAspArg 144

Db 384 ACCAAGAAGGGTTTACTCTACTGTCGTGAGA-----CACAGGCAG 425

Qy 145 IleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyrIleSerProArgLeu 164

Db 426 GTAAAGCATTTACCGCATTTTCGGTCTGCCGAACAACCTGGTACTACATTTCCCGAGGCTC 485

Qy 165 ThrPheProSerLeuGlnAlaLeuValAspHisTyrSerGluLeuAlaAspAspIleCys 184

Db 486 ACCTTCCAGTCCCTGGAGACCTGGTGAACCACTATTCTGAGGTGGCTGATGGCTGTGC 545

Qy 185 CysLeuLeuLysGluProCysValLeuGlnArgAlaGlyProLeuProGlyLysAspIle 204

Db 546 TGTGTGCTCACCACGCCCTGCTGCACACAAAGCACGGCTGCCAGCAGTGGAGGCTCC 605

Qy 205 ProLeuProValThrValGlnArgThrProLeuAsnTrpLysGluLeuAspSerSerLeu 224

Db 606 AGCTCACCTGTCACTTGGCTGACAAAGACTGTGGAGTGGAGGAGTGTCCAGA----- 659

Qy 225 LeuPheSerGluAlaAlaThrGly-----GluGluSerLeuLeu 237

Db 660 ---CTGAGGAGGAGCCCGAGGAAACAGAGAACCCGCTGGGGTAGACAGTCCCTTTTC 716

Qy 238 SerGluGlyLeuArgGluSerLeuSerPheTyrIleSerLeuAsnAspGlu 254

Db 717 AGCTATGACCTTCGAGAGAGCATTGCTTCTTACCTGTCTCCCTGACCAGTGAG 767

RESULT 14

US-10-172-118-1312

Sequence 1312, Application US/10172118

Publication No. US20030224374A1

GENERAL INFORMATION:

APPLICANT: Dai, Hongyue

APPLICANT: He, Yudong

APPLICANT: Linsley, Peter

APPLICANT: Mao, Mao

APPLICANT: Roberts, Chris

APPLICANT: Van 't Veer, Laura

APPLICANT: Van de Vijver, Marc

APPLICANT: Bernards, Rene

TITLE OF INVENTION: Diagnosis and Prognosis of Breast Cancer Patients

FILE REFERENCE: 9301-175-999

CURRENT APPLICATION NUMBER: US/10/172,118

CURRENT FILING DATE: 2002-05-14

PRIOR APPLICATION NUMBER: 60/380,770

PRIOR FILING DATE: 2002-05-14

NUMBER OF SEQ ID NOS: 2699

SEQ ID NO 1312

LENGTH: 2665

TYPE: DNA

ORGANISM: Homo sapiens

PUBLICATION INFORMATION:

DATABASE ACCESSION NUMBER: NM_006748

DATABASE ENTRY DATE: 2001-06-18

US-10-172-118-1312

Alignment Scores:

Pred. No.: 6.23e-47 Length: 2665

Score: 487.00 Matches: 101

Percent Similarity: 57.20% Conservative: 46

Best Local Similarity: 39.30% Mismatches: 94

Query Match: 35.99% Indels: 16

DB: 15 Gaps: 3

US-09-939-853A-75 (1-261) x US-10-172-118-1312 (1-2665)

Qy 5 ProSerArgArgLysSerLeuProSerProSerLeuSerSerValGlnGlyGlnGly 24

Db 24 CCAGGAAAGAAAGAAATGGAAACAGCATGAATCCACCCCTGCCCTGCCAGAGG 83

Qy 25 ProValThrMetGluAlaGluArgSerLysAlaThrAlaValAlaLeuGlySerPhePro 44

Db 84 CCCCTGCCCAACCCGAGGAGCTGGATAGCGACTTCTTCCGCTGAAGTACTACCG 143

Qy 45 AlaGlyGlyProAlaGluLeuSerLeuArgLeuGlyGluProLeuThrIleValSerGlu 64

Db 144 TCTCTGATCATCAGCCCCCGCATATTCGCGCGAGGGAGAACTCGGTGATTTCTGAT 203

Qy 65 AspGlyAspTrpThrValLeuSerGluValSerGlyArgGluTyrAsnIleProSer 84

Db 204 GAAGGGCGCTGGAAAGCTATTCTTAGCATCTGGTCGAGAGATTACATCCCTCGA 263

Qy 85 ValHisValGlyLysValSerHisGlyTrpLeuTyrGluGlyLeuSerArgGluLysAla 104

Db 264 ATATGTGGCCAGAGTTTACCATGGCTGGCTGTTTGGGGCTGGCGAGACAGAGGCC 323

Qy 105 GluGluLeuLeuLeuLeuProGlyAsnProGlyAlaPheLeuIleArgGlnSerGln 124

Db 324 GAGGAGCTGCTGCAGCTGCCAGACAAAGGTGCGCTCTTCATCATCATCAGAGAGTGAG 383

Qy 125 ThrArgArgGlySerTyrSerLeuSerValArgLeuSerArgProAlaSerTrpAspArg 144

Db 384 ACCAAGAAGGGTTTACTCTACTGTCGTGAGA-----CACAGGCAG 425

Qy 145 IleArgHisTyrArgIleHisCysLeuAspAsnGlyTrpLeuTyrIleSerProArgLeu 164

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OM nucleic - nucleic search, using sw model

Run on: December 30, 2004, 13:02:59 ; Search time 3.42126 Seconds
(without alignments)
4155.126 Million cell updates/sec

Title: US-09-939-853A-140

Perfect score: 20

Sequence: 1 ctggacaggttagggctttg 20

Scoring table: IDENTITY_NUC

Gapop 10_0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents_NA.*

- 1: /cgn2_6/ptodata/1/ina/5A_COMB.seq.*
- 2: /cgn2_6/ptodata/1/ina/5B_COMB.seq.*
- 3: /cgn2_6/ptodata/1/ina/6A_COMB.seq.*
- 4: /cgn2_6/ptodata/1/ina/6B_COMB.seq.*
- 5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq.*
- 6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	15.8	79.0	4170	4	US-09-919-039-221
2	15.8	79.0	9916	4	US-09-816-095-3
3	15.2	76.0	303	4	US-09-489-039A-4299
4	15.2	76.0	1515	4	US-09-071-035-431
5	15.2	76.0	1803	4	US-09-071-035-429
6	15.2	76.0	2481	4	US-09-134-000C-3193
7	15.2	76.0	2611	4	US-09-620-312D-925
8	15.2	76.0	3614	4	US-09-221-013A-9
9	15.2	76.0	48974	3	US-08-920-422-17
10	14.8	74.0	374	4	US-09-513-999C-3050
11	14.8	74.0	514	4	US-09-621-976-14354
12	14.8	74.0	2068	2	US-08-466-589-1
13	14.8	74.0	2068	2	US-08-700-636-1
14	14.8	74.0	2068	3	US-08-467-574-1
15	14.8	74.0	2068	3	US-09-217-345-1
16	14.8	74.0	2068	4	US-09-892-985-1
17	14.8	74.0	2277	1	US-08-496-855A-1
18	14.8	74.0	2277	4	US-08-487-596-1
19	14.8	74.0	2352	2	US-08-889-909A-21
20	14.8	74.0	2352	3	US-09-156-163A-21
21	14.8	74.0	2352	4	US-09-982-308B-21
22	14.8	74.0	2430	1	US-08-062-368-1
23	14.8	74.0	2664	4	US-08-660-451A-1
24	14.8	74.0	6268	4	US-09-566-921-57
25	14.8	74.0	18994	1	US-08-459-586-4
26	14.8	74.0	18994	2	US-08-282-696-4
27	14.8	74.0	30350	4	US-10-118-328-3

28	14.8	74.0	229354	4	US-09-765-400-64
29	14.8	74.0	229354	4	US-09-765-400-64
30	14.8	74.0	229354	4	US-09-705-400-64
31	14.8	74.0	229354	4	US-09-705-400-64
32	14.4	72.0	865	4	US-09-270-767-10723
33	14.4	72.0	34063	3	US-09-453-702B-96
34	14.4	72.0	36519	3	US-08-923-137-2
35	14.2	71.0	998	4	US-09-671-317-191
36	14.2	71.0	1229	4	US-09-404-641-80
37	14.2	71.0	1229	4	US-10-414-186-80
38	14.2	71.0	1298	4	US-09-404-641-69
39	14.2	71.0	1298	4	US-10-414-186-69
40	14.2	71.0	1398	4	US-09-328-352-2591
41	14.2	71.0	1572	4	US-09-620-312D-886
42	14.2	71.0	1664	4	US-10-140-002-169
43	14.2	71.0	1735	4	US-09-404-641-84
44	14.2	71.0	1735	4	US-10-414-186-84
45	14.2	71.0	1735	4	US-09-825-561A-11

ALIGNMENTS

RESULT 1

US-09-919-039-221
; Sequence 221, Application US/09919039
; Patent No. 6727066
; GENERAL INFORMATION:
; APPLICANT: Kaser, Matthew R.
; TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES
; FILE REFERENCE: PA-0035 US
; CURRENT APPLICATION NUMBER: US/09/919,039
; CURRENT FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: 60/222,113
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 401
; SOFTWARE: PERL Program
; SEQ ID NO 221
; LENGTH: 4170
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6727066 2278688CB1
US-09-919-039-221

Query Match 79.0%; Score 15.8; DB 4; Length 4170;
Best Local Similarity 89.5%; Pred. No. 66;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1 CTGGACAGGTTAGGCGCTTT 19
|||||
Db 2638 CTGGACAGGTTAGGCGCTTT 2656

RESULT 2

US-09-816-095-3
; Sequence 3, Application US/09816095
; Patent No. 6664084
; GENERAL INFORMATION:
; APPLICANT: GAN, Weiniu
; TITLE OF INVENTION: ISOLATED HUMAN ENZYME PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN ENZYME PROTEINS, AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: CLO01147
; CURRENT APPLICATION NUMBER: US/09/816,095
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 9916
; TYPE: DNA
; ORGANISM: Human

Mon Jan 3 11:32:03 2005

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;
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(9916)
; OTHER INFORMATION: n = A,T,C or G
US-09-816-095-3

Query Match          79.0%; Score 15.8; DB 4; Length 9916;
Best Local Similarity 89.5%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2 TGGACAGGTTAGGCTTTG 20
      ||||| ||||| |||||
Db      5532 TGGACAGATTAGGCTTTG 5550

RESULT 3
US-09-489-039A-4299/c
; Sequence 4299, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489.039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 4299
; LENGTH: 303
; TYPE: DNA
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-4299

Query Match          76.0%; Score 15.2; DB 4; Length 303;
Best Local Similarity 85.0%; Pred. No. 87;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1 CTGGACAGGTTAGGCTTTG 20
      ||||| ||||| |||||
Db      250 CTGCACAGGTCAGAGCTTTG 231

RESULT 4
US-09-071-035-431
; Sequence 431, Application US/09071035
; Patent No. 6448043
; GENERAL INFORMATION:
; APPLICANT: Gil H. Choi
; TITLE OF INVENTION: Enterococcus faecalis Polynucleotides and Polypeptides
; NUMBER OF SEQUENCES: 496
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071.035
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: A. Anders Brookes
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PB369P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 429:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1803 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-09-071-035-429

Query Match          76.0%; Score 15.2; DB 4; Length 1803;
Best Local Similarity 85.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1 CTGGACAGGTTAGGCTTTG 20
      ||||| ||||| |||||
Db      690 CTGGACAGGTCGGCTTTG 709

```

```

;
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PB369P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 431:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1515 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-09-071-035-431

Query Match          76.0%; Score 15.2; DB 4; Length 1515;
Best Local Similarity 85.0%; Pred. No. 1.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1 CTGGACAGGTTAGGCTTTG 20
      ||||| ||||| |||||
Db      430 CTGGACAGGTCGGCTTTG 449

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RESULT 5
US-09-071-035-429
; Sequence 429, Application US/09071035
; Patent No. 6448043
; GENERAL INFORMATION:
; APPLICANT: Gil H. Choi
; TITLE OF INVENTION: Enterococcus faecalis Polynucleotides and Polypeptides
; NUMBER OF SEQUENCES: 496
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: Maryland
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
; COMPUTER: HP Vectra 486/33
; OPERATING SYSTEM: MSDOS version 6.2
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071.035
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: A. Anders Brookes
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PB369P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (301) 309-8504
; TELEFAX: (301) 309-8512
; INFORMATION FOR SEQ ID NO: 429:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1803 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-09-071-035-429

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Query Match          76.0%; Score 15.2; DB 4; Length 1803;
Best Local Similarity 85.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1 CTGGACAGGTTAGGCTTTG 20
      ||||| ||||| |||||
Db      690 CTGGACAGGTCGGCTTTG 709

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```
RESULT 6
US-09-134-000C-3193
; Sequence 3193, Application US/09134000C
; Patent No. 6617156
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; FILE REFERENCE: 032796-032
; CURRENT APPLICATION NUMBER: US/09/134,000C
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055,778
; PRIOR FILING DATE: 1997-08-15
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3193
; LENGTH: 2481
; TYPE: DNA
; ORGANISM: Enterococcus faecalis
US-09-134-000C-3193

Query Match          76.0%; Score 15.2; DB 4; Length 2481;
Best Local Similarity 85.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CTGGACAGGTTAGGCGCTTTG 20
Db 687 CTGGACAGGTCGGGTCCTTG 706

RESULT 7
US-09-620-312D-925
; Sequence 925, Application US/09620312D
; Patent No. 6569662
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Zhang, Jie
; APPLICANT: Ren, Feiyan
; APPLICANT: Chen, Rui-hong
; APPLICANT: Zhao, Qing A.
; APPLICANT: Wehrman, Tom
; APPLICANT: Xue, Aidong J.
; APPLICANT: Yang, Yonghong
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Zhou, Ping
; APPLICANT: Ma, Yunqing
; APPLICANT: Wang, Dunrui
; APPLICANT: Wang, Zhiwei
; APPLICANT: John Tillinghast
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: 6569662el Nucleic Acids and
; FILE REFERENCE: 784CIP2B
; CURRENT APPLICATION NUMBER: US/09/620,312D
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/552,317
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: 09/488,725
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 1105
; SOFTWARE: pt FL_genes Version 1.0
; SEQ ID NO 925
; LENGTH: 2611
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (290)...(1885)
US-09-620-312D-925

Query Match          76.0%; Score 15.2; DB 4; Length 2611;
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Best Local Similarity 85.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CTGGACAGGTTAGGCGCTTTG 20
Db 789 CTGAACAGATTAGGTCCTTTG 808

RESULT 8
US-09-221-013A-9/C
; Sequence 9, Application US/09221013A
; Patent No. 6495740
; GENERAL INFORMATION:
; APPLICANT: Arioli, Antonio
; APPLICANT: Williamson, Richard E.
; APPLICANT: Betzner, Andreas S.
; APPLICANT: Peng, Liangcai
; TITLE OF INVENTION: Manipulation of cellulose and/or Beta-1,4-glucan
; FILE REFERENCE: 96-98
; CURRENT APPLICATION NUMBER: US/09/221,013A
; CURRENT FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: PCT/AU97/00402
; PRIOR FILING DATE: 1997-06-24
; PRIOR APPLICATION NUMBER: AU P00699
; PRIOR FILING DATE: 1996-06-27
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 3614
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (217)..(3411)
US-09-221-013A-9

Query Match          76.0%; Score 15.2; DB 4; Length 3614;
Best Local Similarity 85.0%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CTGGACAGGTTAGGCGCTTTG 20
Db 1600 CAGGACATTTTAGGCGCTTTG 1581

RESULT 9
US-08-920-422-17/C
; Sequence 17, Application US/08920422A
; Patent No. 6255473
; GENERAL INFORMATION:
; APPLICANT: Vitek, Michael P.
; APPLICANT: Mitsuda, No. 6255473iaki
; APPLICANT: Roses, Allen D.
; TITLE OF INVENTION: Presenilin-1 Gene Promoter
; FILE REFERENCE: VITEKPRESENILIN
; CURRENT APPLICATION NUMBER: US/08/920,422A
; CURRENT FILING DATE: 1997-08-29
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 48974
; TYPE: DNA
; ORGANISM: Mus musculus
US-08-920-422-17

Query Match          76.0%; Score 15.2; DB 3; Length 48974;
Best Local Similarity 85.0%; Pred. No. 2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 CTGGACAGGTTAGGCGCTTTG 20
Db 33769 CTGCCAGGATAGGCGCTGTG 33750
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US-09-513-999C-3050

Query Match 74.0%; Score 14.8; DB 4; Length 374;
Best Local Similarity 88.9%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 GGACAGGTTAGGCTTTG 20
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Db 202 GGACTGGTTACGGCTTTG 185

RESULT 11

US-09-621-976-14354/c
; Sequence 14354, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 14354
; LENGTH: 514
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 254
; OTHER INFORMATION: n=a, g, c or t

US-09-621-976-14354

Query Match 74.0%; Score 14.8; DB 4; Length 514;
Best Local Similarity 88.9%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3 GGACAGGTTAGGCTTTG 20
|||||
Db 311 GGACAGGTTAGGCTTTG 294

RESULT 12

US-08-466-589-1/c
; Sequence 1, Application US/08466589
; Patent No. 5837489
; GENERAL INFORMATION:
; APPLICANT: Elliot, Kathryn J.
; APPLICANT: Ellis, Steven B.
; APPLICANT: Harpold, Michael M.
; TITLE OF INVENTION: HUMAN NEURONAL NICOTINIC ACETYLCHOLINE
; TITLE OF INVENTION: RECEPTOR COMPOSITIONS AND METHODS EMPLOYING SAME
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brown, Martin, Haller & McClaim
; STREET: 1660 Union Street
; CITY: San Diego
; STATE: CA
; COUNTRY: USA
; ZIP: 92101-2926
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,589
; FILING DATE: June 5, 1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/028,031

RESULT 10

US-09-513-999C-3050/c
; Sequence 3050, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59 US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 3050
; LENGTH: 374
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 214...372
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 61
; OTHER INFORMATION: m=a or c
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 73
; OTHER INFORMATION: m=a or c
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 267
; OTHER INFORMATION: w=a or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 294
; OTHER INFORMATION: m=a or c
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 295
; OTHER INFORMATION: m=a or c
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 334
; OTHER INFORMATION: m=a or c
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 340
; OTHER INFORMATION: r=a or g
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 27
; OTHER INFORMATION: Xaa= * or Cys
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 28
; OTHER INFORMATION: Xaa=His or Asn
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 41
; OTHER INFORMATION: Xaa=Leu or Met
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 43
; OTHER INFORMATION: Xaa=Met or Val


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; JOURNAL: 019-348-3532
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 2068 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: both
;   TOPOLOGY: both

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QY 3 GGACAGGTTAGGCGCTTG 20
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Db 144 GGTcAGGTCAGGCGCTTG 127

us-09-939-853a-140.rni

Mon Jan 3 11:32:03 2005

RESULT 15
 US-09-217-345-1/c
 ; Sequence 1, Application US/09217345
 ; Patent No. 6303753
 ; GENERAL INFORMATION:
 ; APPLICANT: Eliot, Kathryn J.
 ; APPLICANT: Ellis, Steven B.
 ; APPLICANT: Hapold, Michael M.
 ; TITLE OF INVENTION: HUMAN NEURONAL NICOTINIC ACETYLCHOLINE
 ; TITLE OF INVENTION: RECEPTOR COMPOSITIONS AND METHODS EMPLOYING SAME
 ; NUMBER OF INVENTIONS: 12
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Heller Ehrman White & McAuliffe
 ; STREET: 4250 Executive Square, 7th Floor
 ; CITY: La Jolla
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 92037
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSeq Version 1.5
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/217,345
 ; FILING DATE: 21-DEC-98
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/467,574
 ; FILING DATE: 05-JUN-95
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/466,589,
 ; FILING DATE: 05-JUN-95
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/028,031
 ; FILING DATE: 08-MAR-93
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Seidman, Stephanie L
 ; REGISTRATION NUMBER: 33,779
 ; REFERENCE/DOCKET NUMBER: 24735-9949B
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 619-450-8400
 ; TELEFAX: 619-587-5360
 ; TELEX:
 ; INFORMATION FOR SEQ ID NO: 1:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 2068 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: both
 ; TOPOLOGY: both
 ; MOLECULE TYPE: cDNA
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: 166..1752
 ; US-09-217-345-1

Query Match 74.0%; Score 14.8; DB 3; Length 2068;
 Best Local Similarity 88.9%; Pred. No. 1.9e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 3 GGACAGGTTAGGGCTTTG 20
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 Db 144 GGTGAGTTCAGGGCTTTG 127

Search completed: December 30, 2004, 13:27:26
 Job time : 6.42126 secs

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OM nucleic - nucleic search, using sw model

Run on: December 30, 2004, 13:02:59 ; Search time 19.3605 Seconds
(without alignments)
5834.821 Million cell updates/sec

Title: US-09-939-853A-140

Perfect score: 20

Sequence: 1 ctggacaggttagggctttg 20

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 4176236 seqs, 2824127955 residues

Total number of hits satisfying chosen parameters: 8352472

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:**

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- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq.*
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- 8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq.*
- 9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq.*
- 10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq.*
- 11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq.*
- 12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq.*
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- 14: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq.*
- 15: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq.*
- 16: /cgn2_6/ptodata/2/pubpna/US10D_PUBCOMB.seq.*
- 17: /cgn2_6/ptodata/2/pubpna/US10E_PUBCOMB.seq.*
- 18: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
- 19: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq.*
- 20: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
- 21: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	20	100.0	20	11	US-09-939-853A-140
2	20	100.0	444	9	US-09-867-550-951
3	20	100.0	763	9	US-09-867-550-953
4	20	100.0	864	10	US-09-814-353-21302
5	20	100.0	1183	11	US-09-939-853A-74
6	20	100.0	1183	11	US-09-939-853A-76
7	17.4	87.0	422	16	US-10-242-535A-25371
8	17.4	87.0	422	16	US-10-085-783A-25371
9	16.8	84.0	665	13	US-10-027-632-133814
10	16.8	84.0	665	15	US-10-027-632-133814
11	16.8	84.0	809	18	US-10-653-047-7054
12	16.8	84.0	2305	15	US-10-094-749-795

c 13	16.8	84.0	2424	13	US-10-027-632-103042	Sequence 103042,
c 14	16.8	84.0	2424	13	US-10-027-632-103043	Sequence 103043,
c 15	16.8	84.0	2424	15	US-10-027-632-103042	Sequence 103042,
c 16	16.8	84.0	2424	15	US-10-027-632-103043	Sequence 103043,
c 17	16.8	84.0	3559	16	US-10-108-260A-602	Sequence 602, App
c 18	16.8	84.0	44325	11	US-09-997-722-226	Sequence 226, App
c 19	15.8	79.0	403	10	US-09-918-995-35904	Sequence 35904, A
c 20	15.8	79.0	407	10	US-09-918-995-27228	Sequence 27228, A
c 21	15.8	79.0	570	13	US-10-027-632-137211	Sequence 137211,
c 22	15.8	79.0	570	15	US-10-027-632-137211	Sequence 137211,
c 23	15.8	79.0	663	13	US-10-027-632-208024	Sequence 208024,
c 24	15.8	79.0	663	15	US-10-027-632-208024	Sequence 208024,
c 25	15.8	79.0	816	18	US-10-425-115-42209	Sequence 42209, A
c 26	15.8	79.0	1152	10	US-09-882-327-295	Sequence 295, App
c 27	15.8	79.0	1177	16	US-10-425-114-29026	Sequence 29026, A
c 28	15.8	79.0	1224	18	US-10-425-115-137102	Sequence 137102,
c 29	15.8	79.0	1744	16	US-10-424-599-121358	Sequence 121358,
c 30	15.8	79.0	1824	16	US-10-424-599-73670	Sequence 73670, A
c 31	15.8	79.0	1857	18	US-10-425-115-6431	Sequence 6431, Ap
c 32	15.8	79.0	2070	18	US-10-425-115-82136	Sequence 82136, A
c 33	15.8	79.0	4170	10	US-09-919-039-221	Sequence 221, Appl
c 34	15.8	79.0	4170	15	US-10-168-425-23	Sequence 23, Appl
c 35	15.8	79.0	4359	16	US-10-131-803-341	Sequence 341, App
c 36	15.8	79.0	24023	13	US-10-094-679-1	Sequence 1, Appli
c 37	15.8	79.0	99916	9	US-09-816-095-3	Sequence 3, Appli
c 38	15.8	79.0	99916	16	US-10-634-905-3	Sequence 28060, A
c 39	15.4	77.0	358	17	US-10-437-963-28060	Sequence 1299, Ap
c 40	15.4	77.0	673	9	US-09-917-800A-1299	Sequence 144930,
c 41	15.4	77.0	761	13	US-10-027-632-144930	Sequence 144930,
c 42	15.4	77.0	761	15	US-10-027-632-144930	Sequence 169995,
c 43	15.4	77.0	786	13	US-10-027-632-169995	Sequence 169996,
c 44	15.4	77.0	786	13	US-10-027-632-169996	Sequence 169995,
c 45	15.4	77.0	786	15	US-10-027-632-169995	Sequence 169995,

ALIGNMENTS

RESULT 1

US-09-939-853A-140
; Sequence 140, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939.853A
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-09-939-853A-140

Query Match 100.0%; Score 20; DB 11; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTGACAGGTTAGGCTTTG 20
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Db 1 CTGGACAGGTTAGGGCTTTG 20
; Sequence 21302, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Lee, John
; APPLICANT: Thompson, Pamela
; APPLICANT: Lillie, James
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814,353
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21302
; LENGTH: 864
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1_2_3_32_862_863_864
; OTHER INFORMATION: n = A,T,C or G
US-09-814-353-21302
Query Match 100.0%; Score 20; DB 10; Length 864;
Best Local Similarity 100.0%; Pred. No. 1.8;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTGGACAGGTTAGGGCTTTG 20
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Db 353 CTGGACAGGTTAGGGCTTTG 334

RESULT 5
US-09-939-853A-74/c
; Sequence 74, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 74
; LENGTH: 1183
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-853A-74
Query Match 100.0%; Score 20; DB 11; Length 1183;
Best Local Similarity 100.0%; Pred. No. 1.8;

Db 1 CTGGACAGGTTAGGGCTTTG 20
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Db 189 CTGGACAGGTTAGGGCTTTG 170

RESULT 4
US-09-814-353-21302/c
Query Match 100.0%; Score 20; DB 9; Length 763;
Best Local Similarity 100.0%; Pred. No. 1.8;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTGGACAGGTTAGGGCTTTG 20
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Db 189 CTGGACAGGTTAGGGCTTTG 170

RESULT 3
US-09-867-550-951/c
; Sequence 951, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 951
; LENGTH: 444
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-867-550-951
Query Match 100.0%; Score 20; DB 9; Length 444;
Best Local Similarity 100.0%; Pred. No. 1.8;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTGGACAGGTTAGGGCTTTG 20
|||||
Db 60 CTGGACAGGTTAGGGCTTTG 41

RESULT 3
US-09-867-550-953/c
; Sequence 953, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USSN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 953
; LENGTH: 763
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-867-550-953
Query Match 100.0%; Score 20; DB 9; Length 763;
Best Local Similarity 100.0%; Pred. No. 1.8;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CTGGACAGGTTAGGGCTTTG 20
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Db 189 CTGGACAGGTTAGGGCTTTG 170
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTGGACAGGTTAGGCGCTTTG 20
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Db 301 CTGGACAGGTTAGGCGCTTTG 282

RESULT 6

US-09-939-853A-76
; Sequence 76, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 76
; LENGTH: 1183
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-853A-76

Query Match 100.0%; Score 20; DB 11; Length 1183;
Best Local Similarity 100.0%; Pred. No. 1.8;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CTGGACAGGTTAGGCGCTTTG 20
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RESULT 7

US-10-242-535A-25371
; Sequence 25371, Application US/10242535A
; Publication No. US20040013663A1
; GENERAL INFORMATION:
; APPLICANT: ChondroGene Inc.
; APPLICANT: Liew, C.C.
; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
; FILE REFERENCE: 4231/2005
; CURRENT APPLICATION NUMBER: US/10/242,535A
; CURRENT FILING DATE: 2002-09-12
; PRIOR APPLICATION NUMBER: US 10/085,783
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: US 60/305,340
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/275,017
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: US 60/271,955
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 58994
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25371
; LENGTH: 422
; TYPE: DNA
; ORGANISM: Human
; NAME/KEY: misc feature
; LOCATION: (5)-(5)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)-(7)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (406)-(406)
; OTHER INFORMATION: n is a, c, g, or t
US-10-242-535A-25371

Query Match 87.0%; Score 17.4; DB 16; Length 422;
Best Local Similarity 94.7%; Pred. No. 40;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 CTGGACAGGTTAGGCGCTTT 19
|||||
Db 61 CTGGACAGGTTAGGCGCTTT 79

RESULT 9

US-10-027-632-133814
; Sequence 133814, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632

; LOCATION: (7)-(7)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (406)-(406)
; OTHER INFORMATION: n is a, c, g, or t
US-10-242-535A-25371

Query Match 87.0%; Score 17.4; DB 16; Length 422;
Best Local Similarity 94.7%; Pred. No. 40;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 CTGGACAGGTTAGGCGCTTT 19
|||||
Db 61 CTGGACAGGTTAGGCGCTTT 79

RESULT 8

US-10-085-783A-25371
; Sequence 25371, Application US/10085783A
; Publication No. US20040037841A1
; GENERAL INFORMATION:
; APPLICANT: ChondroGene Inc.
; APPLICANT: Liew, C.C.
; TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis
; FILE REFERENCE: 4231/2002
; CURRENT APPLICATION NUMBER: US/10/085,783A
; CURRENT FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: US 60/305,340
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/275,017
; PRIOR FILING DATE: 2001-03-12
; PRIOR APPLICATION NUMBER: US 60/271,955
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 58994
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 25371
; LENGTH: 422
; TYPE: DNA
; ORGANISM: Human
; NAME/KEY: misc feature
; LOCATION: (5)-(5)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (7)-(7)
; OTHER INFORMATION: n is a, c, g, or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (406)-(406)
; OTHER INFORMATION: n is a, c, g, or t
US-10-085-783A-25371

Query Match 87.0%; Score 17.4; DB 16; Length 422;
Best Local Similarity 94.7%; Pred. No. 40;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 CTGGACAGGTTAGGCGCTTT 19
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Db 61 CTGGACAGGTTAGGCGCTTT 79

Mon Jan 3 11:32:04 2005

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; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133814
; LENGTH: 665
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-133814

Query Match      84.0%; Score 16.8; DB 13; Length 665;
Best Local Similarity 90.0%; Pred. No. 83;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 CTGGACAGGTTAGGCTTTG 20
        |||||
Db      344 CTGGACAGGATAGGCTGTG 363

RESULT 10
US-10-027-632-133814
; Sequence 133814, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMORPHISMS IN THE HUMAN GENOME
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133814
; LENGTH: 665
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-133814
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Query Match      84.0%; Score 16.8; DB 15; Length 665;
Best Local Similarity 90.0%; Pred. No. 83;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 CTGGACAGGTTAGGCTTTG 20
        |||||
Db      344 CTGGACAGGATAGGCTGTG 363

RESULT 10
US-10-027-632-133814
; Sequence 133814, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMORPHISMS IN THE HUMAN GENOME
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133814
; LENGTH: 665
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-133814

Query Match      84.0%; Score 16.8; DB 15; Length 665;
Best Local Similarity 90.0%; Pred. No. 83;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 CTGGACAGGTTAGGCTTTG 20
        |||||
Db      344 CTGGACAGGATAGGCTGTG 363
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RESULT 11
US-10-653-047-7054/c
; Sequence 7054, Application US/10653047
; Publication No. US20040229367A1
; GENERAL INFORMATION:
; APPLICANT: Randy M. Berka
; APPLICANT: Michael W. Rey
; APPLICANT: Jeffrey R. Shuster
; APPLICANT: Sakari Kauppinen
; APPLICANT: Ib Groth Clausen
; APPLICANT: Peter Bjørke Olsen
; TITLE OF INVENTION: Methods For Monitoring Multiple Gene
; EXPRESSION
; FILE REFERENCE: 5849.200-US
; CURRENT APPLICATION NUMBER: US/10/653,047
; CURRENT FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US/09/533,559
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 09/273,623
; PRIOR FILING DATE: 1999-03-22
; NUMBER OF SEQ ID NOS: 7860
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7054
; LENGTH: 809
; TYPE: DNA
; ORGANISM: Aspergillus oryzae
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(809)
; OTHER INFORMATION: n = A,T,C or G
; US-10-653-047-7054

Query Match      84.0%; Score 16.8; DB 18; Length 809;
Best Local Similarity 90.0%; Pred. No. 84;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 CTGGACAGGTTAGGCTTTG 20
        |||||
Db      62 CTGGACAGGTTGGGGTTTG 43

RESULT 12
US-10-094-749-795/c
; Sequence 795, Application US/10094749
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUTKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOYUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
; FILE REFERENCE: 084335/0160
; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350,435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
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RESULT 12
US-10-094-749-795/c
; Sequence 795, Application US/10094749
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUTKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOYUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
; FILE REFERENCE: 084335/0160
; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/350,435
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
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; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 795
; LENGTH: 2305
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-094-749-795

Query Match      84.0%; Score 16.8; DB 15; Length 2305;
Best Local Similarity 90.0%; Pred.No. 86;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CTGCACAGGTTAGGCGCTTG 20
    ||||| ||||| ||||| ||
Db 2118 CTGCACAGTTTAGGCGCTG 2099

RESULT 13
US-10-027-632-103042/c
; Sequence 103042, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 103042
; LENGTH: 2424
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-103042

Query Match      84.0%; Score 16.8; DB 13; Length 2424;
Best Local Similarity 90.0%; Pred.No. 87;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CTGCACAGGTTAGGCGCTTG 20
    ||||| ||||| ||||| ||
Db 1453 CTGCACAGTTTAGGCGCTG 1434

RESULT 14
US-10-027-632-103043/c
; Sequence 103043, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676

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OM nucleic - nucleic search, using sw model

Run on: December 30, 2004, 13:02:59 ; Search time 4.44764 Seconds
(without alignments)
4155.126 Million cell updates/sec

Title: US-09-939-853A-141

Perfect score: 26

Sequence: 1 cctctggaagtcgtccagtgctctt 26

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 355394441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents_NA.*

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6: /cgn2_6/ptodata/1/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	18.8	72.3	423	2	US-08-797-689-11
2	18.8	72.3	423	4	US-09-984-186-11
3	18.8	72.3	600	4	US-09-101-272G-72
4	18.8	72.3	624	4	US-09-101-272G-79
5	18.8	72.3	645	4	US-09-101-272G-95
6	18.8	72.3	666	4	US-09-101-272G-97
7	18.8	72.3	1233	1	US-08-254-922-1
8	18.8	72.3	1233	1	US-08-286-748B-1
9	18.8	72.3	1236	1	US-07-957-039A-7
10	18.8	72.3	1236	1	US-08-153-799-17
11	18.8	72.3	1236	4	US-09-023-655-927
12	18.8	72.3	1372	6	5219569-1
13	18.8	72.3	1475	4	US-09-643-597-122
14	18.8	72.3	1475	4	US-09-480-884A-122
15	18.8	72.3	1475	4	US-09-542-615A-122
16	18.8	72.3	1475	4	US-09-606-421B-122
17	18.8	72.3	1475	4	US-09-221-107-122
18	18.8	72.3	1475	4	US-09-466-396A-122
19	18.8	72.3	1475	4	US-09-476-496A-122
20	18.8	72.3	1475	4	US-09-630-940B-122
21	18.8	72.3	2294	4	US-09-643-597-123
22	18.8	72.3	2294	4	US-09-480-884A-123
23	18.8	72.3	2294	4	US-09-542-615A-123
24	18.8	72.3	2294	4	US-09-606-421B-123
25	18.8	72.3	2294	4	US-09-023-655-1217
26	18.8	72.3	2294	4	US-09-221-107-123
27	18.8	72.3	2294	4	US-09-466-396A-123

ALIGNMENTS

RESULT 1

US-08-797-689-11
; Sequence 11, Application US/08797689
; Patent No. 5876969
; GENERAL INFORMATION:
; APPLICANT: Fleer, Reinhard
; APPLICANT: Fournier, Alain
; APPLICANT: Guitton, Jean-Dominique
; APPLICANT: Jung, Gerard
; APPLICANT: Yeh, Patrice
; TITLE OF INVENTION: NOVEL BIOLOGICALLY ACTIVE POLYPEPTIDES,
; TITLE OF INVENTION: PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITION
; TITLE OF INVENTION: CONTAINING SAID POLYPEPTIDES
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: System 7.1
; SOFTWARE: Word 5.1 (PatentIn)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/797,689
; FILING DATE: 31-JAN-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/256,927
; FILING DATE: 28-JUL-1994
; APPLICATION NUMBER: FR 92/01064
; FILING DATE: 31-JAN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/FR93/00085
; FILING DATE: 28-JAN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith Ph.D., Julie K.
; REGISTRATION NUMBER: P-38,619
; REFERENCE/DOCKET NUMBER: ST92006-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-3839
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 423 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double

28	18.8	72.3	2294	4	US-09-476-496A-123	Sequence 123, App
29	18.8	72.3	2294	4	US-09-630-940B-123	Sequence 123, App
30	18.8	72.3	2301	6	5188829-2	Patent No. 5188829
31	17.8	68.5	9391	4	US-09-562-702A-11	Sequence 11, Appl
32	17.8	68.5	9511	4	US-09-562-702A-9	Sequence 9, Appl
33	17.6	67.7	804	4	US-09-313-294A-38	Sequence 38, Appl
34	17.6	67.7	804	4	US-10-140-002-149	Sequence 149, App
35	17.6	67.7	808	4	US-09-800-729-25	Sequence 25, Appl
36	17.2	66.2	384	4	US-09-270-767-4301	Sequence 4301, Ap
37	17.2	66.2	384	4	US-09-270-767-19583	Sequence 19583, A
38	17.2	66.2	1335	1	US-07-942-157A-2	Sequence 2, Appli
39	17	65.4	274	4	US-09-313-294A-3335	Sequence 3335, Ap
40	17	65.4	413	4	US-09-513-999C-34774	Sequence 34774, A
41	17	65.4	449	4	US-09-621-976-14601	Sequence 14601, A
42	17	65.4	501	4	US-09-621-976-1584	Sequence 1584, Ap
43	17	65.4	1001	4	US-09-641-638-285	Sequence 285, App
44	17	65.4	1001	4	US-10-170-097-285	Sequence 285, App
45	17	65.4	2165	4	US-09-270-767-11202	Sequence 11202, A

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; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 3..419
US-08-797-689-11
Query Match 72.3%; Score 18.8; DB 2; Length 423;
Best Local Similarity 90.9%; Pred. No. 15;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCCAGTGTCTT 26
Db 230 CTGGAAGTCTGCCAGTGTCTT 251

RESULT 2
US-09-984-186-11
; Sequence 11, Application US/09984186
; Patent No. 6686179
; GENERAL INFORMATION:
; APPLICANT: Fleer, Reinhard
; Fournier, Alain
; Guittou, Jean-Dominique
; Jung, Gerard
; Yeh, Patrice
; TITLE OF INVENTION: NOVEL BIOLOGICALLY ACTIVE POLYPEPTIDES,
; PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITION
; CONTAINING SAID POLYPEPTIDES
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Road, 3C43
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: System 7.1
; SOFTWARE: Word 5.1 (PatentIn)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/984,186
; FILING DATE: 29-Oct-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/797,689
; FILING DATE: 31-JAN-1997
; APPLICATION NUMBER: US 08/256,927
; FILING DATE: 28-JUL-1994
; APPLICATION NUMBER: FR 92/01064
; FILING DATE: 31-JAN-1992
; APPLICATION NUMBER: PCT/FR93/00085
; FILING DATE: 28-JAN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith Ph.D., Julie K.
; REGISTRATION NUMBER: P-38,619
; REFERENCE/DOCKET NUMBER: ST92006-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (610) 454-3839
; TELEFAX: (610) 454-3808
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 423 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 3..419
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:

US-09-984-186-11
Query Match 72.3%; Score 18.8; DB 4; Length 423;
Best Local Similarity 90.9%; Pred. No. 15;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCCAGTGTCTT 26
Db 230 CTGGAAGTCTGCCAGTGTCTT 251

RESULT 3
US-09-101-272G-72
; Sequence 72, Application US/09101272G
; Patent No. 6509445
; GENERAL INFORMATION:
; APPLICANT: Nissin Food Products Co., Ltd.
; TITLE OF INVENTION: CANCEROUS METASTASIS INHIBITOR
; FILE REFERENCE: Q50979
; CURRENT APPLICATION NUMBER: US/09/101,272G
; CURRENT FILING DATE: 1998-07-08
; PRIOR APPLICATION NUMBER: JP 1059/1996
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 72
; LENGTH: 600
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: ATF domain of uPA
; NAME/KEY: CDS
; LOCATION: (1)..(600)
; OTHER INFORMATION:
; NAME/KEY: mat_peptide
; LOCATION: (61)..()
; OTHER INFORMATION:
US-09-101-272G-72
Query Match 72.3%; Score 18.8; DB 4; Length 600;
Best Local Similarity 90.9%; Pred. No. 16;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCCAGTGTCTT 26
Db 279 CTGGAAGTCTGCCAGTGTCTT 300

RESULT 4
US-09-101-272G-79
; Sequence 79, Application US/09101272G
; Patent No. 6509445
; GENERAL INFORMATION:
; APPLICANT: Nissin Food Products Co., Ltd.
; TITLE OF INVENTION: CANCEROUS METASTASIS INHIBITOR
; FILE REFERENCE: Q50979
; CURRENT APPLICATION NUMBER: US/09/101,272G
; CURRENT FILING DATE: 1998-07-08
; PRIOR APPLICATION NUMBER: JP 1059/1996
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 79
; LENGTH: 624
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ATFHI chimeric protein
; NAME/KEY: CDS
; LOCATION: (12)..(593)
; OTHER INFORMATION:
; NAME/KEY: mat_peptide
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; LOCATION: (15)...()
; OTHER INFORMATION:
US-09-101-272G-97

Query Match 72.3%; Score 18.8; DB 4; Length 624;
Best Local Similarity 90.9%; Pred. No. 16;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCCAGTGTCTT 26
||||| ||||| ||||| |||||
Db 233 CTGGAAGTCTGCCAGTGTCTT 254

RESULT 5

US-09-101-272G-95
; Sequence 95, Application US/09101272G
; Patent No. 6509445
; GENERAL INFORMATION:
; APPLICANT: Nissin Food Products Co., Ltd.
; TITLE OF INVENTION: CANCEROUS METASTASIS INHIBITOR
; FILE REFERENCE: Q50979
; CURRENT APPLICATION NUMBER: US/09/101,272G
; CURRENT FILING DATE: 1998-07-08
; PRIOR APPLICATION NUMBER: JP 1059/1996
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 95
; LENGTH: 645
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ATFHI-CL chimeric protein
; NAME/KEY: CDS
; LOCATION: (12)...(614)
; OTHER INFORMATION:
; NAME/KEY: mat_peptide
; LOCATION: (15)...()
; OTHER INFORMATION:
US-09-101-272G-95

Query Match 72.3%; Score 18.8; DB 4; Length 645;
Best Local Similarity 90.9%; Pred. No. 16;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCCAGTGTCTT 26
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Db 233 CTGGAAGTCTGCCAGTGTCTT 254

RESULT 6

US-09-101-272G-97
; Sequence 97, Application US/09101272G
; Patent No. 6509445
; GENERAL INFORMATION:
; APPLICANT: Nissin Food Products Co., Ltd.
; TITLE OF INVENTION: CANCEROUS METASTASIS INHIBITOR
; FILE REFERENCE: Q50979
; CURRENT APPLICATION NUMBER: US/09/101,272G
; CURRENT FILING DATE: 1998-07-08
; PRIOR APPLICATION NUMBER: JP 1059/1996
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 97
; LENGTH: 666
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ATFHI-ML chimeric protein
; NAME/KEY: CDS
; LOCATION: (12)...(635)
; OTHER INFORMATION:

; NAME/KEY: mat_peptide
; LOCATION: (15)...()
; OTHER INFORMATION:
US-09-101-272G-97

Query Match 72.3%; Score 18.8; DB 4; Length 666;
Best Local Similarity 90.9%; Pred. No. 17;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCCAGTGTCTT 26
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Db 233 CTGGAAGTCTGCCAGTGTCTT 254

RESULT 7

US-08-254-922-1
; Sequence 1, Application US/08254922
; Patent No. 5626841
; GENERAL INFORMATION:
; APPLICANT: Victor Gurewich
; TITLE OF INVENTION: USE OF INTRA-PLATELET
; TITLE OF INVENTION: UROKINASE-TYPE PLASMINOGEN
; TITLE OF INVENTION: ACTIVATORS FOR LONG-TERM
; TITLE OF INVENTION: INHIBITION OF THROMBOSIS
; NUMBER OF SEQUENCES: 1
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 50Z or 55SX
; OPERATING SYSTEM: MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/254,922
; FILING DATE: June 7, 1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/014,207
; FILING DATE: February 5, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: J. Peter Rasse
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 04353/004002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1233
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-254-922-1

Query Match 72.3%; Score 18.8; DB 1; Length 1233;
Best Local Similarity 90.9%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 5 CTGGAAGTCTGCCAGTGTCTT 26
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Db 219 CTGGAAGTCTGCCAGTGTCTT 240

RESULT 8

US-08-286-748B-1
; Sequence 1, Application US/08286748B
; Patent No. 5759542

Mon Jan 3 11:32:06 2005

GENERAL INFORMATION:
; APPLICANT: Victor Gurewlich
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DELIVERY
; OF DRUGS BY PLATELETS FOR THE TREATMENT OF
; TITLE OF INVENTION: CARDIOVASCULAR AND OTHER DISEASES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 502 or 55SX
; OPERATING SYSTEM: MS-DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/286,748B
; FILING DATE: August 5, 1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: J. Peter Fasse
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 04547/013001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1233
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-286-748B-1

Query Match 72.3%; Score 18.8; DB 1; Length 1233;
Best Local Similarity 90.9%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CTGGAAGTCTGCCAGTGTCCCTT 26
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DB 219 CTGGAAGTCTGCCAGTGTCCCTT 240

RESULT 9
US-07-957-039A-7
; Sequence 7, Application US/07957039A
; Patent No. 5389538
; GENERAL INFORMATION:
; APPLICANT: TANABE, TOSHIZUMI
; APPLICANT: MORITA, MASANORI
; APPLICANT: HIROSE, MASAAKI
; APPLICANT: AMASUJI, YASUO
; TITLE OF INVENTION: MUTANT HUMAN PROUROKINASE
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sughrue, Mion, Zinn, Macpeak & Seas
; STREET: 2100 Pennsylvania Avenue
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/957,039A
; FILING DATE: 06-OCT-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 289257/1991
; FILING DATE: 07-OCT-1991
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)293-7060
; TELEFAX: (202)293-7860
; TELEX: 6491103
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1236 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: both
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE: human
; INDIVIDUAL ISOLATE: human
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..1233
US-07-957-039A-7

Query Match 72.3%; Score 18.8; DB 1; Length 1236;
Best Local Similarity 90.9%; Pred. No. 19;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CTGGAAGTCTGCCAGTGTCCCTT 26
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DB 219 CTGGAAGTCTGCCAGTGTCCCTT 240

RESULT 10
US-08-153-799-17
; Sequence 17, Application US/08153799
; Patent No. 5766883
; GENERAL INFORMATION:
; APPLICANT: Ballance, David J
; APPLICANT: Goodey, Andrew R
; TITLE OF INVENTION: Polypeptides
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: R Hain Swope, BOC Health Care Inc
; STREET: 100 Mountain Avenue
; CITY: Murray Hill
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07974
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/153,799
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/847975
; FILING DATE: 06-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 8909916.2
; FILING DATE: 29-APR-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB90/00650
; FILING DATE: 26-APR-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/775952
; FILING DATE: 29-OCT-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Swope, R Hain

```

;
; REGISTRATION NUMBER: 24864
; REFERENCE/DOCKET NUMBER: 92H832
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 665 2400
; TELEFAX: (908) 771 6159
; TELEX: 219484
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1236 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..1236
; OTHER INFORMATION: /function= "human mature
; OTHER INFORMATION: urokinase-type plasminogen activator (uPA)"
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 13..47
; OTHER INFORMATION: /standard_name= "PCR primer binding
; OTHER INFORMATION: site"
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 376..418
; OTHER INFORMATION: /standard_name= "PCR primer binding
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; US-08-153-799-17
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; Query Match 72.3%; Score 18.8; DB 1; Length 1236;
; Best Local Similarity 90.9%; Pred. No. 19;
; Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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; Qy 5 CTGGAAGTCTGCCAGTGTCCTT 26
; Db 219 CTGGAAGTCTGCCAGTGTCCTT 240
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; RESULT 11
; US-09-023-655-927
; Sequence 927, Application US/09023655
; Patent No. 6607879
; GENERAL INFORMATION:
; APPLICANT: Cocks, Benjamin G.
; APPLICANT: Susan G. Stuart
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1508
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/023,655
; FILING DATE: HERewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:

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; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0001 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 927:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1236 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g1311467
; US-09-023-655-927
;
; Query Match 72.3%; Score 18.8; DB 4; Length 1236;
; Best Local Similarity 90.9%; Pred. No. 19;
; Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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; Qy 5 CTGGAAGTCTGCCAGTGTCCTT 26
; Db 219 CTGGAAGTCTGCCAGTGTCCTT 240
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; RESULT 12
; 5219569-1
; Patent No. 5219569
; APPLICANT: BLABER, MICHAEL; HEYNEKER, HERBERT L.; VEHAR,
; GORDON A.
; TITLE OF INVENTION: PROTEASE RESISTANT UROKINASE
; NUMBER OF SEQUENCES: 6
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/766,858
; FILING DATE: 16-AUG-1985
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 725,468
; FILING DATE: 22-APR-1985
; SEQ ID NO: 1:
; LENGTH: 1372
; 5219569-1
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; Query Match 72.3%; Score 18.8; DB 6; Length 1372;
; Best Local Similarity 90.9%; Pred. No. 19;
; Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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; Qy 5 CTGGAAGTCTGCCAGTGTCCTT 26
; Db 355 CTGGAAGTCTGCCAGTGTCCTT 376
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; RESULT 13
; US-09-643-597-122
; Sequence 122, Application US/09643597
; Patent No. 6426072
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Fan, Liqun
; APPLICANT: Kalos, Michael D.
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Hosken, Nancy
; APPLICANT: Fanger, Gary R.
; APPLICANT: Li, Samuel X.
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Henderson, Robert A.
; APPLICANT: McNeill, Patricia D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.455C11

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US-09-542-615A-122

Query Match 72.3%; Score 18.8; DB 4; Length 1475;
Best Local Similarity 90.9%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Db 359 CTGGAAGTCTGCCAGTGTCTT 380

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Job time : 6.44764 secs

US-09-542-615A-122

Query Match 72.3%; Score 18.8; DB 4; Length 1475;
Best Local Similarity 90.9%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CTGGAAGTCTGCCAGTGTCTT 26
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Db 359 CTGGAAGTCTGCCAGTGTCTT 380

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US-09-542-615A-122

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QY 5 CTGGAAGTCTGCCAGTGTCTT 26
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Db 359 CTGGAAGTCTGCCAGTGTCTT 380

Search completed: December 30, 2004, 13:27:28
Job time : 6.44764 secs

US-09-542-615A-122

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Best Local Similarity 90.9%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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US-09-542-615A-122

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Best Local Similarity 90.9%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Db 359 CTGGAAGTCTGCCAGTGTCTT 380

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Job time : 6.44764 secs

US-09-542-615A-122

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Best Local Similarity 90.9%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Db 359 CTGGAAGTCTGCCAGTGTCTT 380

Search completed: December 30, 2004, 13:27:28
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Best Local Similarity 90.9%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Job time : 6.44764 secs

US-09-542-615A-122

Query Match 72.3%; Score 18.8; DB 4; Length 1475;
Best Local Similarity 90.9%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CTGGAAGTCTGCCAGTGTCTT 26
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Db 359 CTGGAAGTCTGCCAGTGTCTT 380

Search completed: December 30, 2004, 13:27:28
Job time : 6.44764 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: December 30, 2004, 13:02:59 ; Search time 25.1687 Seconds
(without alignments)
5834.821 Million cell updates/sec

Title: US-09-939-853A-141

Perfect score: 26

Sequence: 1 cctctggaagtctgccagtgctctt 26

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 4176236 seqs, 2824127955 residues

Total number of hits satisfying chosen parameters: 8352472

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications_NA:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	26	100.0	444	9	US-09-867-550-951
3	26	100.0	763	9	US-09-867-550-953
4	26	100.0	864	10	US-09-814-353-21302
5	26	100.0	1183	11	US-09-939-853A-74
6	26	100.0	1183	11	US-09-939-853A-76
7	20.4	78.5	611	13	US-10-027-632-195852
8	20.4	78.5	611	15	US-10-027-632-195852
9	20.2	77.7	2826	17	US-10-437-963-60613
10	18.8	72.3	258	15	US-10-233-675A-2
11	18.8	72.3	258	15	US-10-233-675A-6
12	18.8	72.3	258	15	US-10-233-675A-8

13	18.8	72.3	258	15	US-10-233-675A-23	Sequence 23, Appl
14	18.8	72.3	258	15	US-10-233-675A-26	Sequence 26, Appl
15	18.8	72.3	258	16	US-10-424-999-2	Sequence 2, Appl
16	18.8	72.3	258	16	US-10-424-999-6	Sequence 6, Appl
17	18.8	72.3	258	16	US-10-424-999-8	Sequence 8, Appl
18	18.8	72.3	264	9	US-09-880-503-10	Sequence 10, Appl
19	18.8	72.3	288	9	US-09-880-503-18	Sequence 18, Appl
20	18.8	72.3	405	9	US-09-880-503-13	Sequence 13, Appl
21	18.8	72.3	423	9	US-09-984-186-11	Sequence 11, Appl
22	18.8	72.3	423	14	US-10-237-667-11	Sequence 11, Appl
23	18.8	72.3	423	14	US-10-237-708-11	Sequence 11, Appl
24	18.8	72.3	423	14	US-10-237-866-11	Sequence 11, Appl
25	18.8	72.3	423	14	US-10-237-871-11	Sequence 11, Appl
26	18.8	72.3	423	14	US-10-237-624-11	Sequence 11, Appl
27	18.8	72.3	423	16	US-10-702-536-11	Sequence 11, Appl
28	18.8	72.3	423	16	US-10-702-636-11	Sequence 11, Appl
29	18.8	72.3	429	9	US-09-880-503-17	Sequence 17, Appl
30	18.8	72.3	482	9	US-09-917-800A-581	Sequence 581, App
31	18.8	72.3	1212	9	US-09-880-503-15	Sequence 15, Appl
32	18.8	72.3	1236	9	US-09-880-503-12	Sequence 12, Appl
33	18.8	72.3	1236	15	US-10-407-821-1	Sequence 1, Appl
34	18.8	72.3	1236	16	US-10-641-643-927	Sequence 927, App
35	18.8	72.3	1239	17	US-10-372-966-3	Sequence 3, Appl
36	18.8	72.3	1296	13	US-10-076-421-1	Sequence 1, Appl
37	18.8	72.3	1296	17	US-10-372-966-1	Sequence 1, Appl
38	18.8	72.3	1305	17	US-10-372-966-2	Sequence 2, Appl
39	18.8	72.3	1359	16	US-10-432-989-3	Sequence 3, Appl
40	18.8	72.3	1475	9	US-09-735-705-122	Sequence 122, App
41	18.8	72.3	1475	9	US-09-850-716A-122	Sequence 122, App
42	18.8	72.3	1475	9	US-09-897-778-122	Sequence 122, App
43	18.8	72.3	1475	10	US-09-466-396A-122	Sequence 122, App
44	18.8	72.3	1475	14	US-10-007-700-122	Sequence 122, App
45	18.8	72.3	1475	15	US-10-117-982-122	Sequence 122, App

ALIGNMENTS

RESULT 1
US-09-939-853A-141
; Sequence 141, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; FILE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; TITLE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 141
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-09-939-853A-141
Query Match 100.0%; Score 26; DB 11; Length 26;
Best Local Similarity 100.0%; Pred. No. 0.019;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 CCTCTGGAAGTCTGCCAGTGCTCTT 26
|||||

Db 1 CCTTCTGGAAGTCTGCCAGTGTCTT 26

RESULT 2

US-09-867-550-951/c

; Sequence 951, Application US/09867550

; Patent No. US20020082206A1

; GENERAL INFORMATION:

; APPLICANT: Leach, Martin D.

; APPLICANT: Mehraban, Fuad,

; APPLICANT: Conley, Pamela

; APPLICANT: Law, Debbie

; APPLICANT: Topper, James

; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and

; FILE REFERENCE: 21402-013 (Cura-313)

; CURRENT APPLICATION NUMBER: US/09/867,550

; CURRENT FILING DATE: 2001-09-20

; PRIOR APPLICATION NUMBER: USSN 60/208,427

; PRIOR FILING DATE: 2000-05-30

; NUMBER OF SEQ ID NOS: 2125

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 951

; LENGTH: 444

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-867-550-951

Query Match 100.0%; Score 26; DB 9; Length 444;

Best Local Similarity 100.0%; Pred. No. 0.022;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CCTTCTGGAAGTCTGCCAGTGTCTT 26

Db 35 CCTTCTGGAAGTCTGCCAGTGTCTT 10

RESULT 3

US-09-867-550-953/c

; Sequence 953, Application US/09867550

; Patent No. US20020082206A1

; GENERAL INFORMATION:

; APPLICANT: Leach, Martin D.

; APPLICANT: Conley, Pamela

; APPLICANT: Law, Debbie

; APPLICANT: Topper, James

; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and

; FILE REFERENCE: 21402-013 (Cura-313)

; CURRENT APPLICATION NUMBER: US/09/867,550

; CURRENT FILING DATE: 2001-09-20

; PRIOR APPLICATION NUMBER: USSN 60/208,427

; PRIOR FILING DATE: 2000-05-30

; NUMBER OF SEQ ID NOS: 2125

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 953

; LENGTH: 763

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-867-550-953

Query Match 100.0%; Score 26; DB 9; Length 763;

Best Local Similarity 100.0%; Pred. No. 0.022;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CCTTCTGGAAGTCTGCCAGTGTCTT 26

Db 164 CCTTCTGGAAGTCTGCCAGTGTCTT 139

RESULT 4

US-09-814-353-21302/c

; Sequence 21302, Application US/09814353

; Publication No. US20030165831A1

; GENERAL INFORMATION:

; APPLICANT: Lee, John

; APPLICANT: Thompson, Pamela

; APPLICANT: Lillie, James

; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR

; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND

; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER

; FILE REFERENCE: MRI-006B

; CURRENT APPLICATION NUMBER: US/09/814,353

; CURRENT FILING DATE: 2001-03-21

; PRIOR APPLICATION NUMBER: US 60/191,031

; PRIOR FILING DATE: 2000-03-21

; PRIOR APPLICATION NUMBER: US 60/207,124

; PRIOR FILING DATE: 2000-05-25

; PRIOR APPLICATION NUMBER: US 60/211,940

; PRIOR FILING DATE: 2000-06-15

; PRIOR APPLICATION NUMBER: US 60/216,820

; PRIOR FILING DATE: 2000-07-07

; PRIOR APPLICATION NUMBER: US 60/220,661

; PRIOR FILING DATE: 2000-07-25

; PRIOR APPLICATION NUMBER: US 60/257,672

; PRIOR FILING DATE: 2000-12-21

; NUMBER OF SEQ ID NOS: 22037

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 21302

; LENGTH: 864

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: 1_2_3_32_862_863_864

; OTHER INFORMATION: n = A,T,C or G

US-09-814-353-21302

Query Match 100.0%; Score 26; DB 10; Length 864;

Best Local Similarity 100.0%; Pred. No. 0.022;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CCTTCTGGAAGTCTGCCAGTGTCTT 26

Db 328 CCTTCTGGAAGTCTGCCAGTGTCTT 303

RESULT 5

US-09-939-853A-74/c

; Sequence 74, Application US/09939853A

; Publication No. US20040039163A1

; GENERAL INFORMATION:

; APPLICANT: Burgess et al.

; TITLE OF INVENTION: No. US20040039163A1 Proteins and Nucleic Acids Encoding Same

; FILE REFERENCE: 21402-099

; CURRENT APPLICATION NUMBER: US/09/939,853A

; CURRENT FILING DATE: 2001-08-27

; PRIOR APPLICATION NUMBER: 60/228,191

; PRIOR FILING DATE: 2000-08-25

; PRIOR APPLICATION NUMBER: 60/267,300

; PRIOR FILING DATE: 2001-02-08

; PRIOR APPLICATION NUMBER: 60/269,961

; PRIOR FILING DATE: 2001-02-20

; PRIOR APPLICATION NUMBER: 60/277,337

; PRIOR FILING DATE: 2001-03-20

; NUMBER OF SEQ ID NOS: 159

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 74

; LENGTH: 1183

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-939-853A-74

Query Match 100.0%; Score 26; DB 11; Length 1183;

Best Local Similarity 100.0%; Pred. No. 0.022;


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; LENGTH: 2826
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_62122C.1
US-10-437-963-60613

Query Match      77.7%; Score 20.2; DB 17; Length 2826;
Best Local Similarity 88.0%; Pred. No. 13;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY  2  CTTCTGGAAGTCTGCCAGTGTCCCTT 26
Db   2386 CTTCTGCGAGTCTGCCAGTGTTCCT 2362

RESULT 10
US-10-233-675A-2
; Sequence 2, Application US/10233675A
; Publication No. US20030228298A1
; GENERAL INFORMATION:
; APPLICANT: Nesbit, Mark
; APPLICANT: Fong, Timothy
; APPLICANT: Brockstedt, Dirk
; TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
; TITLE OF INVENTION: Them To Inhibit Angiogenesis
; FILE REFERENCE: ST01027
; CURRENT APPLICATION NUMBER: US/10/233,675A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/316,300
; PRIOR FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 258
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: human derived abrogen
US-10-233-675A-2

Query Match      72.3%; Score 18.8; DB 15; Length 258;
Best Local Similarity 90.9%; Pred. No. 55;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY  5  CTGGAAGTCTGCCAGTGTCCCTT 26
Db   78  CTGGAAGTCTGCCAGTGTCCCTT 99

RESULT 11
US-10-233-675A-6
; Sequence 6, Application US/10233675A
; Publication No. US20030228298A1
; GENERAL INFORMATION:
; APPLICANT: Nesbit, Mark
; APPLICANT: Fong, Timothy
; APPLICANT: Brockstedt, Dirk
; TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
; TITLE OF INVENTION: Them To Inhibit Angiogenesis
; FILE REFERENCE: ST01027
; CURRENT APPLICATION NUMBER: US/10/233,675A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/316,300
; PRIOR FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 258
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: human derived abrogen
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US-10-233-675A-6

Query Match      72.3%; Score 18.8; DB 15; Length 258;
Best Local Similarity 90.9%; Pred. No. 55;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY  5  CTGGAAGTCTGCCAGTGTCCCTT 26
Db   78  CTGGAAGTCTGCCAGTGTCCCTT 99

RESULT 12
US-10-233-675A-8
; Sequence 8, Application US/10233675A
; Publication No. US20030228298A1
; GENERAL INFORMATION:
; APPLICANT: Nesbit, Mark
; APPLICANT: Fong, Timothy
; APPLICANT: Brockstedt, Dirk
; TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
; TITLE OF INVENTION: Them To Inhibit Angiogenesis
; FILE REFERENCE: ST01027
; CURRENT APPLICATION NUMBER: US/10/233,675A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/316,300
; PRIOR FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 258
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: human derived abrogen
US-10-233-675A-8

Query Match      72.3%; Score 18.8; DB 15; Length 258;
Best Local Similarity 90.9%; Pred. No. 55;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY  5  CTGGAAGTCTGCCAGTGTCCCTT 26
Db   78  CTGGAAGTCTGCCAGTGTCCCTT 99

RESULT 13
US-10-233-675A-23
; Sequence 23, Application US/10233675A
; Publication No. US20030228298A1
; GENERAL INFORMATION:
; APPLICANT: Nesbit, Mark
; APPLICANT: Fong, Timothy
; APPLICANT: Brockstedt, Dirk
; TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
; TITLE OF INVENTION: Them To Inhibit Angiogenesis
; FILE REFERENCE: ST01027
; CURRENT APPLICATION NUMBER: US/10/233,675A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/316,300
; PRIOR FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 258
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: fragment of human urokinase plasminogen activator
US-10-233-675A-23

Query Match      72.3%; Score 18.8; DB 15; Length 258;
Best Local Similarity 90.9%; Pred. No. 55;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 5 CTGGAAGTCTGCCAGTGTCTT 26
|||||
Db 78 CTGGAAGTCTGCCAGTGTCTT 99

RESULT 14
US-10-233-675A-26
; Sequence 26, Application US/10233675A
; Publication No. US2003028298A1
; GENERAL INFORMATION:
; APPLICANT: Nesbit, Mark
; APPLICANT: Fong, Timothy
; APPLICANT: Brockstedt, Dirk
; TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
; TITLE OF INVENTION: Them To Inhibit Angiogenesis
; FILE REFERENCE: ST01027
; CURRENT APPLICATION NUMBER: US/10/233,675A
; PRIOR FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/316,300
; PRIOR FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 258
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: fragment of human urokinase plasminogen activator
; NAME/KEY: misc feature
; LOCATION: (137)..(137)
; OTHER INFORMATION: n = a or g
; NAME/KEY: misc feature
; LOCATION: (221)..(221)
; OTHER INFORMATION: n = a or g
US-10-233-675A-26

Query Match 72.3%; Score 18.8; DB 15; Length 258;
Best Local Similarity 90.9%; Pred. No. 55;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CTGGAAGTCTGCCAGTGTCTT 26
|||||
Db 78 CTGGAAGTCTGCCAGTGTCTT 99

RESULT 15
US-10-424-999-2
; Sequence 2, Application US/10424999
; Publication No. US20040052810A1
; GENERAL INFORMATION:
; APPLICANT: Nesbit, Mark
; APPLICANT: Cameron, Beatrice
; APPLICANT: Blanche, Francis
; TITLE OF INVENTION: Abrogen Polypeptides, Nucleic Acids Encoding Them and Methods for
; TITLE OF INVENTION: Using Them to Inhibit Angiogenesis
; FILE REFERENCE: ST01027-A
; CURRENT APPLICATION NUMBER: US/10/424,999
; PRIOR FILING DATE: 2003-04-29
; PRIOR APPLICATION NUMBER: 10/233,675
; PRIOR FILING DATE: 2002-09-04
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 258
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human abrogen N43
US-10-424-999-2

Query Match 72.3%; Score 18.8; DB 16; Length 258;
Best Local Similarity 90.9%; Pred. No. 55;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5 CTGGAAGTCTGCCAGTGTCTT 26
|||||
Db 78 CTGGAAGTCTGCCAGTGTCTT 99

Search completed: December 30, 2004, 13:23:48
Job time : 27.6687 secs

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Result No.	Score	Query		Length	DB	ID	Description
		Match	%				
1	17.2	78.2	1245	4	US-09-489-039A-3698		Sequence 3698, Ap
2	16.4	74.5	1273	3	US-08-725-758A-3		Sequence 3, Appli
3	16.4	74.5	1273	3	US-09-735-251-3		Sequence 3, Appli
4	16.4	74.5	1373	3	US-08-725-758A-1		Sequence 1, Appli
5	16.4	74.5	1373	3	US-09-735-251-1		Sequence 1, Appli
C 6	16.4	74.5	3128	4	US-09-919-039-373		Sequence 373, App
C 7	16.2	73.6	618	4	US-09-621-976-788		Sequence 788, App
8	16.2	73.6	1449	4	US-09-248-796A-3697		Sequence 3697, Ap
9	16.2	73.6	2713	2	US-08-916-901-6		Sequence 6, Appli
10	16.2	73.6	2713	3	US-09-154-602-6		Sequence 6, Appli
C 11	16	72.7	1334	4	US-09-270-767-13625		Sequence 12625, A
C 12	15.8	71.8	274	4	US-09-313-294A-5461		Sequence 5461, Ap
C 13	15.8	71.8	283	4	US-09-313-294A-4815		Sequence 4815, Ap
C 14	15.8	71.8	288	4	US-09-313-294A-809		Sequence 809, App
C 15	15.8	71.8	288	4	US-09-313-294A-2911		Sequence 2911, Ap
C 16	15.8	71.8	404	4	US-09-513-999C-30207		Sequence 30207, A
17	15.8	71.8	2061	4	US-09-653-839-7		Sequence 7, Appli
18	15.8	71.8	2061	4	US-10-202-619-7		Sequence 7, Appli
19	15.8	71.8	2109	4	US-09-653-839-5		Sequence 5, Appli
20	15.8	71.8	2109	4	US-10-202-619-5		Sequence 5, Appli
21	15.8	71.8	2172	4	US-09-653-839-3		Sequence 3, Appli
22	15.8	71.8	2172	4	US-10-202-619-3		Sequence 3, Appli
23	15.8	71.8	2220	4	US-09-653-839-1		Sequence 1, Appli
24	15.8	71.8	2220	4	US-10-202-619-1		Sequence 1, Appli
25	15.8	71.8	2353	4	US-09-622-880B-2		Sequence 2, Appli
26	15.8	71.8	2806	4	US-09-653-839-9		Sequence 9, Appli
27	15.8	71.8	2806	4	US-10-202-619-9		Sequence 9, Appli

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;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/725,758A
; FILING DATE: 04-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,074
; FILING DATE: 06-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Fraser, Janis K.
; REGISTRATION NUMBER: 34,819
; REFERENCE/DOCKET NUMBER: 05433/020001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1273 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 44...1273
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
;
; US-09-735-251-3
;
; Query Match 74.5%; Score 16.4; DB 3; Length 1273;
; Best Local Similarity 94.4%; Pred. No. 95;
; Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1 TGAGAGAGTTCTGGGTGT 18
; DB 372 TGAGAGAGTTCCGGGTGT 389
;
; RESULT 3
; US-09-735-251-3
; Sequence 3, Application US/09735251
; Patent No. 6750323
; GENERAL INFORMATION:
; APPLICANT: Reed, Guy
; TITLE OF INVENTION: NOVEL PLATELET ACTIVATION PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/735,251
; FILING DATE: 12-Dec-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/725,758A
; FILING DATE: 04-OCT-1996
; APPLICATION NUMBER: 60/005,074
; FILING DATE: 06-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Fraser, Janis K.
; REGISTRATION NUMBER: 34,819
; REFERENCE/DOCKET NUMBER: 05433/020001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 3:
;
; Query Match 74.5%; Score 16.4; DB 3; Length 1273;
; Best Local Similarity 94.4%; Pred. No. 95;
; Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1 TGAGAGAGTTCTGGGTGT 18
; DB 372 TGAGAGAGTTCCGGGTGT 389
;
; RESULT 4
; US-08-725-758A-1
; Sequence 1, Application US/08725758A
; Patent No. 6160108
; GENERAL INFORMATION:
; APPLICANT: Reed, Guy
; APPLICANT: Clement, Christophe Y.
; TITLE OF INVENTION: NOVEL PLATELET ACTIVATION PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/725,758A
; FILING DATE: 04-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,074
; FILING DATE: 06-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Fraser, Janis K.
; REGISTRATION NUMBER: 34,819
; REFERENCE/DOCKET NUMBER: 05433/020001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1373 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 44...1321
;
; US-08-725-758A-1
;
; Query Match 74.5%; Score 16.4; DB 3; Length 1373;
; Best Local Similarity 94.4%; Pred. No. 96;
; Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1 TGAGAGAGTTCTGGGTGT 18

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Db 372 TGAGAGAGTTCGGGTGT 389
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RESULT 5

US-09-735-251-1
; Sequence 1, Application US/09735251
; Patent No. 6750323
; GENERAL INFORMATION:
; APPLICANT: Reed, Guy
; TITLE OF INVENTION: NOVEL PLATELET ACTIVATION PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; APPLICATION DATA:
; APPLICATION NUMBER: US/09/735,251
; FILING DATE: 12-Dec-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/725,758A
; FILING DATE: 04-OCT-1996
; APPLICATION NUMBER: 60/005,074
; FILING DATE: 06-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Fraser, Jania K.
; REGISTRATION NUMBER: 34,819
; REFERENCE/DOCKET NUMBER: 05433/020001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1373 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 44...1321
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-735-251-1

Query Match 74.5%; Score 16.4; DB 4; Length 1373;
Best Local Similarity 94.4%; Pred. No. 96;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TGAGAGAGTTCGGGTGT 18
|||||

Db 372 TGAGAGAGTTCGGGTGT 389

RESULT 6

US-09-919-039-373/c
; Sequence 373, Application US/09919039
; Patent No. 6727066
; GENERAL INFORMATION:
; APPLICANT: Kaser, Matthew R.
; TITLE OF INVENTION: GENES EXPRESSED IN TREATED HUMAN C3A LIVER CELL CULTURES
; FILE REFERENCE: PA-0035 US
; CURRENT APPLICATION NUMBER: US/09/919,039
; CURRENT FILING DATE: 2002-09-09

; PRIOR APPLICATION NUMBER: 60/222,113
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 401
; SOFTWARE: PERL Program
; SEQ ID NO 373
; LENGTH: 3128
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6727066 1102297.22
US-09-919-039-373

Query Match 74.5%; Score 16.4; DB 4; Length 3128;
Best Local Similarity 94.4%; Pred. No. 1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 TGAGAGAGTTCGGGTGT 18
|||||

Db 950 TGAGAGAGTTCGGGTGT 933

RESULT 7

US-09-621-976-788/c
; Sequence 788, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 788
; LENGTH: 618
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 306..617
US-09-621-976-788

Query Match 73.6%; Score 16.2; DB 4; Length 618;
Best Local Similarity 85.7%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1 TGAGAGAGTTCGGGTGTCT 21
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Db 540 TCAGAGAGTTCGGGTGTCT 520

RESULT 8

US-09-248-796A-3697
; Sequence 3697, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstein et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 3697
; LENGTH: 1449
; TYPE: DNA

Mon Jan 3 11:32:09 2005

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; ORGANISM: Candida albicans
US-09-248-796A-3697

Query Match      73.6%; Score 16.2; DB 4; Length 1449;
Best Local Similarity 85.7%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCCTGGGTGCTCT 21
Db 210 TGAGAAAGTTTGGGTGACCT 230

RESULT 9
US-08-916-901-6
; Sequence 6, Application US/08916901
; Patent No. 5892012
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Lal, Preeti
; APPLICANT: Corley, Neil C.
; APPLICANT: Shah, Purvi
; TITLE OF INVENTION: RAB PROTEINS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Dr.
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/916,901
; FILING DATE: Filed Herewith
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0367 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2713 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-916-901-6

Query Match      73.6%; Score 16.2; DB 2; Length 2713;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCCTGGGTGCTCT 21
Db 2401 TGAGTGAGTTTGGATGCTCT 2421

RESULT 10
US-09-154-602-6
; Sequence 6, Application US/09154602
; Patent No. 6300472
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Lal, Preeti
; APPLICANT: Corley, Neil C.
; APPLICANT: Corley, Neil C.

; APPLICANT: Shah, Purvi
; TITLE OF INVENTION: RAB PROTEINS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Dr.
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/916,901
; FILING DATE: Filed Herewith
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0367 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-845-4166
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2713 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-916-901-6

Query Match      73.6%; Score 16.2; DB 2; Length 2713;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCCTGGGTGCTCT 21
Db 2401 TGAGTGAGTTTGGATGCTCT 2421

RESULT 11
US-09-270-767-12625/c
; Sequence 12625, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 12625
; LENGTH: 1334
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-12625

Query Match      72.7%; Score 16; DB 4; Length 1334;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 AGAGAGTTCCTGGGTGT 18
Db 957 AGAGAGTTCCTGGGTGT 942

RESULT 12
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RESULT 14
US-09-313-294A-809/c
; Sequence 809, Application US/09313294A
; Patent No. 6476212
; GENERAL INFORMATION:
; APPLICANT: Lalgudi, Raghunath V.
; APPLICANT: Ito, Laura Y.

Qy 1 TGAGAGAGTTCTGGGTGTC 19
Db 260 TGATAGAGTTCTGGGTGCC 242

Search completed: December 30, 2004, 13:27:30
Job time : 5.76339 secs

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OM nucleic - nucleic search, using sw model

Run on: December 30, 2004, 13:02:59 ; Search time 21.2966 Seconds
(without alignments)
5834.821 Million cell updates/sec

Title: US-09-939-853A-142

Perfect score: 22

Sequence: 1 tgagagagttctgggtctcta 22

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 4176236 seqs, 2824127955 residues

Total number of hits satisfying chosen parameters: 8352472

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

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- 2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
- 3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
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- 7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
- 8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*
- 9: /cgn2_6/ptodata/2/pubpna/US09A_PUBCOMB.seq:*
- 10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq:*
- 11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq:*
- 12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
- 13: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*
- 14: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq:*
- 15: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq:*
- 16: /cgn2_6/ptodata/2/pubpna/US10D_PUBCOMB.seq:*
- 17: /cgn2_6/ptodata/2/pubpna/US10E_PUBCOMB.seq:*
- 18: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
- 19: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*
- 20: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*
- 21: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	22	100.0	22	11	US-09-939-853A-142
2	22	100.0	864	10	US-09-814-353-21302
3	22	100.0	1183	11	US-09-939-853A-74
4	22	100.0	1183	11	US-09-939-853A-76
5	20.4	92.7	763	9	US-09-867-550-953
6	18.4	83.6	51323	18	US-10-417-375-135
7	17.8	80.9	2064	16	US-10-108-260A-1362
8	17.8	80.9	57347	17	US-10-322-281-317
9	17.4	79.1	368	18	US-10-723-860-167
10	17.4	79.1	2442	16	US-10-080-334-85
11	17.4	79.1	2442	16	US-10-336-472-121
12	17.4	79.1	2466	16	US-10-159-563-396

13	17.4	79.1	2469	16	US-10-336-472-123	Sequence 123, App
14	17.4	79.1	2789	15	US-10-274-639-22	Sequence 22, Appl
15	17.4	79.1	2789	16	US-10-333-574-22	Sequence 22, Appl
16	17.4	79.1	3327	14	US-10-116-802-87	Sequence 87, Appl
17	17.2	78.2	545	13	US-10-027-632-284738	Sequence 284738, App
18	17.2	78.2	545	15	US-10-027-632-284738	Sequence 284738, App
19	17.2	78.2	641	13	US-10-027-632-131511	Sequence 131511, App
20	17.2	78.2	641	15	US-10-027-632-131511	Sequence 131511, App
21	17.2	78.2	904	13	US-10-027-632-131512	Sequence 131512, App
22	17.2	78.2	904	15	US-10-027-632-131512	Sequence 131512, App
23	17.2	78.2	1163	16	US-10-282-122A-37180	Sequence 37180, A
24	17.2	78.2	1182	16	US-10-282-122A-38988	Sequence 38988, A
25	17.2	78.2	1182	16	US-10-282-122A-39447	Sequence 39447, A
26	17.2	78.2	1185	16	US-10-282-122A-23260	Sequence 23260, A
27	16.8	76.4	791	16	US-10-425-114-35777	Sequence 35777, A
28	16.8	76.4	1980	18	US-10-425-115-14564	Sequence 14564, A
29	16.8	76.4	2394	15	US-10-104-047-1043	Sequence 1043, App
30	16.8	76.4	28772	18	US-10-723-860-2704	Sequence 2704, App
31	16.8	76.4	310692	16	US-10-428-487-11	Sequence 11, Appl
32	16.8	76.4	831	16	US-10-367-094-195	Sequence 195, App
33	16.4	74.5	831	16	US-10-425-114-17685	Sequence 17685, A
34	16.4	74.5	1191	16	US-10-264-237-915	Sequence 915, App
35	16.4	74.5	1357	10	US-09-890-688-85	Sequence 85, Appl
36	16.4	74.5	1621	9	US-09-729-674-171	Sequence 171, Appl
37	16.4	74.5	2200	16	US-10-108-260A-1744	Sequence 1744, App
38	16.4	74.5	2230	16	US-10-425-114-9753	Sequence 9753, App
39	16.4	74.5	2560	16	US-10-424-599-130837	Sequence 130837, App
40	16.4	74.5	3128	10	US-09-919-039-373	Sequence 373, App
41	16.4	74.5	3128	15	US-10-101-510-583	Sequence 583, App
42	16.4	74.5	3986	18	US-10-357-930-22937	Sequence 22937, A
43	16.4	74.5	3986	18	US-10-357-930-28798	Sequence 28798, A
44	16.4	74.5	27684	15	US-10-034-650-28	Sequence 28, Appl
45	16.4	74.5	49589	17	US-10-322-281-814	Sequence 814, App

ALIGNMENTS

RESULT 1

US-09-939-853A-142
; Sequence 142, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939, 853A
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 142
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-09-939-853A-142

Query Match 100.0%; Score 22; DB 11; Length 22;
Best Local Similarity 100.0%; Pred. No. 0.48;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TGAGAGAGTTCTGGGTCTCTTA 22
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us-09-939-853a-142.rnpb

Mon Jan 3 11:32:09 2005

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Db      1 TGAGAGAGTTCTGGGTGTCCTA 22
; ORGANISM: Homo sapiens
; US-09-939-853A-74
;
; Query Match      100.0%; Score 22; DB 11; Length 1183;
; Best Local Similarity 100.0%; Pred. No. 0.5;
; Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGAGAGAGTTCTGGGTGTCCTA 22
;
; Db      224 TGAGAGAGTTCTGGGTGTCCTA 245
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; RESULT 4
; US-09-939-853A-76/c
; ; Sequence 76, Application US/09939853A
; ; Publication No. US20040039163A1
; ; GENERAL INFORMATION:
; ; APPLICANT: Burgess et al.
; ; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; ; FILE REFERENCE: 21402-099
; ; CURRENT APPLICATION NUMBER: US/09/939,853A
; ; CURRENT FILING DATE: 2001-08-27
; ; PRIOR APPLICATION NUMBER: 60/228,191
; ; PRIOR FILING DATE: 2000-08-25
; ; PRIOR APPLICATION NUMBER: 60/267,300
; ; PRIOR FILING DATE: 2001-02-08
; ; PRIOR APPLICATION NUMBER: 60/269,961
; ; PRIOR FILING DATE: 2001-02-20
; ; PRIOR APPLICATION NUMBER: 60/277,337
; ; PRIOR FILING DATE: 2001-03-20
; ; NUMBER OF SEQ ID NOS: 159
; ; SOFTWARE: PatentIn Ver. 2.1
; ; SEQ ID NO 76
; ; LENGTH: 1183
; ; TYPE: DNA
; ; ORGANISM: Homo sapiens
; ; US-09-939-853A-76
;
; Query Match      100.0%; Score 22; DB 11; Length 1183;
; Best Local Similarity 100.0%; Pred. No. 0.5;
; Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TGAGAGAGTTCTGGGTGTCCTA 22
;
; Db      960 TGAGAGAGTTCTGGGTGTCCTA 939
;
;
; RESULT 5
; US-09-867-550-953
; ; Sequence 953, Application US/09867550
; ; Patent No. US20020082206A1
; ; GENERAL INFORMATION:
; ; APPLICANT: Leach, Martin D.
; ; APPLICANT: Mehraban, Fuad,
; ; APPLICANT: Conley, Pamela
; ; APPLICANT: Law, Debbie
; ; APPLICANT: Topper, James
; ; TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and
; ; FILE REFERENCE: 21402-013 (Cura-313)
; ; CURRENT APPLICATION NUMBER: US/09/867,550
; ; CURRENT FILING DATE: 2001-09-20
; ; PRIOR APPLICATION NUMBER: USSN 60/208,427
; ; PRIOR FILING DATE: 2000-05-30
; ; NUMBER OF SEQ ID NOS: 2125
; ; SOFTWARE: FastSeq for Windows Version 4.0
; ; SEQ ID NO 953
; ; LENGTH: 763
; ; TYPE: DNA
; ; ORGANISM: Homo sapiens
; ; US-09-867-550-953
;
; Query Match      92.7%; Score 20.4; DB 9; Length 763;

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Best Local Similarity 95.5%; Pred. No. 3.1;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCTGGGTGTCCTA 22
|||||
Db 112 TGAGAGAGTTCTGGGTGTCCTA 133

RESULT 6
US-10-417-375-135
; Sequence 135, Application US/10417375
; Publication No. US20040219528A1
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; TITLE OF INVENTION: Novel Therapeutic Targets in Cancer
; FILE REFERENCE: 529452001600
; CURRENT APPLICATION NUMBER: US/10/417,375
; CURRENT FILING DATE: 2003-04-15
; NUMBER OF SEQ ID NOS: 176
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 51323
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-417-375-135

Query Match 83.6%; Score 18.4; DB 18; Length 51323;
Best Local Similarity 95.0%; Pred. No. 31;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCTGGGTGTCCT 20
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Db 27564 TGAGAGAGTTCTGGGTGTCCT 27583

RESULT 7
US-10-108-260A-1362/c
; Sequence 1362, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: H1-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 1362
; LENGTH: 2064
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-108-260A-1362

Query Match 80.9%; Score 17.8; DB 16; Length 2064;
Best Local Similarity 90.5%; Pred. No. 60;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCTGGGTGTCCT 21
|||||
Db 159 TGAGAGAGTTCTGGGTGTCCT 139

RESULT 8
US-10-322-281-317
; Sequence 317, Application US/10322281
; Publication No. US20040126762A1
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc S. Malandro
; TITLE OF INVENTION: Novel Compositions and Methods in Cancer
; FILE REFERENCE: 529452001000
; CURRENT APPLICATION NUMBER: US/10/322,281

; CURRENT FILING DATE: 2002-12-17
; NUMBER OF SEQ ID NOS: 866
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 317
; LENGTH: 57347
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1) -- (57347)
; OTHER INFORMATION: n = A, T, C or G
US-10-322-281-317

Query Match 80.9%; Score 17.8; DB 17; Length 57347;
Best Local Similarity 90.5%; Pred. No. 62;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 TGAGAGAGTTCTGGGTGTCCT 21
|||||
Db 19344 TGAGAGAGTTCTGGGAGCCCT 19364

RESULT 9
US-10-723-860-167
; Sequence 167, Application US/10723860
; Publication No. US20040253606A1
; GENERAL INFORMATION:
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsburg, Wendy M.
; APPLICANT: Zlotnik, Albert
; TITLE OF INVENTION: Methods for Diagnosis of Soft Tissue Sarcoma, Compositions &
; FILE REFERENCE: 05882.0193.NPUS01
; CURRENT APPLICATION NUMBER: US/10/723,860
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 60/429,739
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 8393
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 167
; LENGTH: 368
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (368)..(368)
; OTHER INFORMATION: n is a, c, g, or t
US-10-723-860-167

Query Match 79.1%; Score 17.4; DB 18; Length 368;
Best Local Similarity 94.7%; Pred. No. 94;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 GAGAGTTCTGGGTGTCCTA 22
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Db 176 GAGAGTTCTGGGTGTCCTA 194

RESULT 10
US-10-080-334-85
; Sequence 85, Application US/10080334
; Publication No. US20040002584A1
; GENERAL INFORMATION:
; APPLICANT: Pena, Carol E. A.
; APPLICANT: Shimkets, Richard A
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Ketuda, Ramesh
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Vernet, Corine A. M.
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Guo, Xiaojia
; APPLICANT: Gusev, Vladimir Y
```

APPLICANT: Casman, Stacie J
APPLICANT: Boldog, Ferenc L
APPLICANT: Furtak, Katarzyna
APPLICANT: Tchernev, Velizar T
APPLICANT: Patturajan, Meera
APPLICANT: Gangolli, Esha A
APPLICANT: Padigar, Muralidhara
APPLICANT: Liu, Xiaohong
APPLICANT: Baumgartner, Jason C.
APPLICANT: Gerlach, Valerie
APPLICANT: Spaderna, Steven K
APPLICANT: Zerhusen, Bryan D
TITLE OF INVENTION: Proteins, Polynucleotides Encoding Them and Methods of
TITLE OF INVENTION: Using the Same
FILE REFERENCE: 21402-275
CURRENT APPLICATION NUMBER: US/10/080,334
CURRENT FILING DATE: 2002-02-21
PRIOR FILING DATE: 2002-02-21
PRIOR FILING DATE: 2001-02-21
PRIOR APPLICATION NUMBER: 60/322,712
PRIOR FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: 60/311,980
PRIOR FILING DATE: 2001-08-13
PRIOR APPLICATION NUMBER: 60/330,307
PRIOR FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 60/278,796
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: 60/281,521
PRIOR FILING DATE: 2001-04-04
PRIOR APPLICATION NUMBER: 60/276,677
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/311,595
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/270,220
PRIOR FILING DATE: 2001-02-21
PRIOR APPLICATION NUMBER: 60/274,295
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: 60/318,526
PRIOR FILING DATE: 2001-09-10
PRIOR APPLICATION NUMBER: 60/286,548
PRIOR FILING DATE: 2001-04-25
PRIOR APPLICATION NUMBER: 60/291,765
PRIOR FILING DATE: 2001-05-17
PRIOR APPLICATION NUMBER: 60/270,797
PRIOR FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: 60/276,400
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/270,810
PRIOR FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 388
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 85
LENGTH: 2442
TYPE: DNA
ORGANISM: Homo sapiens
US-10-080-334-85

Query Match 79.1%; Score 17.4; DB 16; Length 2442;
Best Local Similarity 94.7%; Pred. No. 95;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4 GAGAGTTCTGGTCTCCTA 22
|||||
Db 1116 GAGAGTTCTGGATCTCCTA 1134

RESULT 11
US-10-336-472-121
Sequence 121, Application US/10336472
Publication No. US20040043929A1
GENERAL INFORMATION:
APPLICANT: Anderson, David W.
APPLICANT: Ballinger, Robert A.

APPLICANT: Baumgartner, Jason C.
APPLICANT: Burgess, Catherine E.
APPLICANT: Casman, Stacie J.
APPLICANT: Chant, John S.
APPLICANT: Berghs, Constance
APPLICANT: Gangolli, Esha A.
APPLICANT: Edinger, Shlomit R.
APPLICANT: Ellerman, Karen
APPLICANT: Furtak, Katarzyna
APPLICANT: Gerlach, Valerie
APPLICANT: Gilbert, Jennifer A.
APPLICANT: Gunther, Erik
APPLICANT: Gorman, Linda
APPLICANT: Guo, Xiaojia Sasha
APPLICANT: Ji, Weizhen
APPLICANT: Li, Li
APPLICANT: Liu, Xiaohong
APPLICANT: Miller, Charles E.
APPLICANT: Millet, Isabelle
APPLICANT: Padigar, Muralidhara
APPLICANT: Rastelli, Luca
APPLICANT: MacDougall, John R.
APPLICANT: Mishra, Vishnu
APPLICANT: Pena, Carol E.A.
APPLICANT: Spaderna, Steven K.
APPLICANT: Shinkets, Richard A.
APPLICANT: Smithson, Glennda
APPLICANT: Spytek, Kimberly A.
APPLICANT: Stone, David J.
APPLICANT: Shenoy, Suresh G.
APPLICANT: Ort, Tatiana
APPLICANT: Taupier Jr, Raymond J.
APPLICANT: Tchernev, Velizar T.
APPLICANT: Wolenc, Adam R.
APPLICANT: Zerhusen, Bryan D.
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-533C
CURRENT APPLICATION NUMBER: US/10/336,472
CURRENT FILING DATE: 2003-01-03
PRIOR APPLICATION NUMBER: 09/746,491
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 10/005,041
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: 10/023,681
PRIOR FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: 10/024,212
PRIOR FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: 10/055,569
PRIOR FILING DATE: 2001-10-26
PRIOR APPLICATION NUMBER: 10/080,334
PRIOR FILING DATE: 2002-02-21
PRIOR APPLICATION NUMBER: 10/092,900
PRIOR FILING DATE: 2002-03-07
PRIOR APPLICATION NUMBER: 10/136,826
PRIOR FILING DATE: 2002-05-01
PRIOR APPLICATION NUMBER: 10/236,417
PRIOR FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: 60/345,092
PRIOR FILING DATE: 2002-01-04
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 230
SOFTWARE: Curaseqlist version 0.1
SEQ ID NO 121
LENGTH: 2442
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (77) .. (2395)
US-10-336-472-121

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Query Match          79.1%; Score 17.4; DB 16; Length 2442;
Best Local Similarity 94.7%; Pred. No. 95;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 GAGAGTTCTGGTGTCCTA 22
   ||||| ||||| |||||
Db 1116 GAGAGTTCTGGATGTCCTA 1134

RESULT 12
US-10-159-563-396
; Sequence 396, Application US/10159563
; Publication No. US20040009154A1
; GENERAL INFORMATION:
; APPLICANT: Khan, Javed
; APPLICANT: Ringner, Markus
; APPLICANT: Peterson, Carsten
; APPLICANT: Meltzer, Paul
; TITLE OF INVENTION: SELECTIONS OF GENES AND METHODS OF USING THE SAME FOR
; TITLE OF INVENTION: DIAGNOSIS AND FOR TARGETING THE THERAPY OF SELECT CANCERS
; FILE REFERENCE: 11613.56US11
; CURRENT APPLICATION NUMBER: US/10/159,563
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 10/133,937
; PRIOR FILING DATE: 2002-04-25
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 396
; LENGTH: 2466
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-159-563-396

Query Match          79.1%; Score 17.4; DB 16; Length 2466;
Best Local Similarity 94.7%; Pred. No. 95;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 GAGAGTTCTGGTGTCCTA 22
   ||||| ||||| |||||
Db 11184 GAGAGTTCTGGATGTCCTA 1202

RESULT 13
US-10-336-472-123
; Sequence 123, Application US/10336472
; Publication No. US20040043929A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W.
; APPLICANT: Ballinger, Robert A.
; APPLICANT: Baumgartner, Jason C.
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Chant, John S.
; APPLICANT: Berghs, Constance
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Ellerman, Karen
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gilbert, Jennifer A.
; APPLICANT: Gunther, Erik
; APPLICANT: Gorman, Linda
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Ji, Weizhen
; APPLICANT: Li, Li
; APPLICANT: Liu, Xiaohong
; APPLICANT: Miller, Charles E.
; APPLICANT: Millet, Isabelle
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Rastelli, Luca
; APPLICANT: MacDougall, John R.
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; APPLICANT: Mishra, Vishnu
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Smithson, Glennnda
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Stone, David J.
; APPLICANT: Shenoy, Sureeh G.
; APPLICANT: Ort, Tatiana
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Tcheinev, Velizar T.
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Zhong, Mei
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-533C
; CURRENT APPLICATION NUMBER: US/10/336,472
; CURRENT FILING DATE: 2003-01-03
; PRIOR APPLICATION NUMBER: 09/746,491
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 10/005,041
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 10/023,681
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: 10/024,212
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: 10/055,569
; PRIOR FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: 10/080,334
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 10/092,900
; PRIOR FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: 10/136,826
; PRIOR FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: 10/236,417
; PRIOR FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: 60/345,092
; PRIOR FILING DATE: 2002-01-04
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 230
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 123
; LENGTH: 2469
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(2463)
US-10-336-472-123

Query Match          79.1%; Score 17.4; DB 16; Length 2469;
Best Local Similarity 94.7%; Pred. No. 95;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4 GAGAGTTCTGGTGTCCTA 22
   ||||| ||||| |||||
Db 11184 GAGAGTTCTGGATGTCCTA 1202

RESULT 14
US-10-274-639-22
; Sequence 22, Application US/10274639
; Publication No. US2003023249A1
; GENERAL INFORMATION:
; APPLICANT: INCYTE GENOMICS, INC.
; APPLICANT: DELEGANE, Angelo M.; GANDHI, Ameena R.
; APPLICANT: HAFALIA, April J.A.; LU, Dying Aina M.
; APPLICANT: PATTERSON, Chandra; TRIBOULEY, Catherine M.
; APPLICANT: DAS, Debopriya; KALLICK, Deborah A.
; APPLICANT: NGUYEN, Dannel B.; LEE, Ernestine A.
; APPLICANT: KHAN, Farrah A.; YUE, Henry
; APPLICANT: AU-YOUNG, Janice K.; GRIFFIN, Jennifer A.
```

```

; APPLICANT: POLICKY, Jennifer L.; RAMKUMAR, Jayalaxmi
; APPLICANT: YANG, Junning; THANGAVELU, Kavitha
; APPLICANT: DING, Li; KEARNEY, Liam
; APPLICANT: BAUGHN, Mariah R.; BOROWSKY, Mark L.
; APPLICANT: SANJANWALA, Madhusudan M.; YAO, Monique G.
; APPLICANT: BURFORD, Neil; WALIA, Narinder K.
; APPLICANT: LAL, Preeti G.; LEE, Sally
; APPLICANT: TODD, Stephen; LO, Terence P.
; APPLICANT: TANG, Y. Tom; ELLIOTT, Vicki S.
; APPLICANT: AZIMZAI, Yalda; LU, Yan
; TITLE OF INVENTION: PROTEASES
; FILE REFERENCE: PI-0167 USA
; CURRENT APPLICATION NUMBER: US/10/274,639
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: PCT/US01/22397
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: US 60/220,063
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: US 60/221,680
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/223,544
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: US 60/224,717
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: US 60/225,988
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: US 60/227,568
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PERL Program
; SEQ ID NO 22
; LENGTH: 2789
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No: 5155802CB1
; US-10-333-574-22

Query Match          79.1%; Score 17.4; DB 15; Length 2789;
Best Local Similarity 94.7%; Pred. No. 95;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 GAGAGTTCTGGGTGTCCTA 22
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DB      1342 GAGAGTTCTGGGTGTCCTA 1360

Search completed: December 30, 2004, 13:23:51
Job time : 24.7966 secs

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; APPLICANT: POLICKY, Jennifer L.; RAMKUMAR, Jayalaxmi
; APPLICANT: YANG, Junning; THANGAVELU, Kavitha
; APPLICANT: DING, Li; KEARNEY, Liam
; APPLICANT: BAUGHN, Mariah R.; BOROWSKY, Mark L.
; APPLICANT: SANJANWALA, Madhusudan M.; YAO, Monique G.
; APPLICANT: BURFORD, Neil; WALIA, Narinder K.
; APPLICANT: LAL, Preeti G.; LEE, Sally
; APPLICANT: TODD, Stephen; LO, Terence P.
; APPLICANT: TANG, Y. Tom; ELLIOTT, Vicki S.
; APPLICANT: AZIMZAI, Yalda; LU, Yan
; TITLE OF INVENTION: PROTEASES
; FILE REFERENCE: PI-0167 USA
; CURRENT APPLICATION NUMBER: US/10/274,639
; CURRENT FILING DATE: 2002-10-18
; PRIOR APPLICATION NUMBER: PCT/US01/22397
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: US 60/220,063
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: US 60/221,680
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/223,544
; PRIOR FILING DATE: 2000-08-04
; PRIOR APPLICATION NUMBER: US 60/224,717
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: US 60/225,988
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: US 60/227,568
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PERL Program
; SEQ ID NO 22
; LENGTH: 2789
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20030232349A1 5155802CB1
; US-10-333-574-22

Query Match          79.1%; Score 17.4; DB 15; Length 2789;
Best Local Similarity 94.7%; Pred. No. 95;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4 GAGAGTTCTGGGTGTCCTA 22
        |||||
DB      1342 GAGAGTTCTGGGTGTCCTA 1360

RESULT 15
US-10-333-574-22
; Sequence 22, Application US/10333574
; Publication No. US20040091962A1
; GENERAL INFORMATION:
; APPLICANT: INCYTE GENOMICS, INC.
; APPLICANT: DELEGEANE, Angelo M.; GANDHI, Ameena R.
; APPLICANT: HAFALIA, April J.A.; LU, Dying Aina M.
; APPLICANT: ARVIZU, Chandra S.; TRIBOULEY, Catherine M.
; APPLICANT: DAS, Debopriya; KALLICK, Deborah A.
; APPLICANT: NGUYEN, Darniel B.; LEE, Ernestine A.
; APPLICANT: KHAN, Farrah A.; YUE, Henry
; APPLICANT: AU-YOUNG, Janice K.; GRIFFIN, Jennifer A.
; APPLICANT: POLICKY, Jennifer L.; RAMKUMAR, Jayalaxmi
; APPLICANT: YANG, Junning; THANGAVELU, Kavitha
; APPLICANT: DING, Li; KEARNEY, Liam
; APPLICANT: BAUGHN, Mariah R.; BOROWSKY, Mark L.
; APPLICANT: SANJANWALA, Madhusudan M.; YAO, Monique G.
; APPLICANT: BURFORD, Neil; CHAWLA, Narinder K.
; APPLICANT: LAL, Preeti G.; LEE, Sally
; APPLICANT: TODD, Stephen; LO, Terence P.
; APPLICANT: TANG, Y. Tom; ELLIOTT, Vicki S.
; APPLICANT: AZIMZAI, Yalda; LU, Yan
; TITLE OF INVENTION: PROTEASES
; FILE REFERENCE: PI-0167 USN

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Result No.	Score	Query		Length	DB	ID	Description
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	3	20	1.7	675	1	US-08-707-793A-3	Sequence 3, Appli
	4	20	1.7	675	1	US-08-707-792A-3	Sequence 3, Appli
	5	20	1.7	2129	4	US-09-016-434-1452	Sequence 1452, Ap
	6	20	1.7	786431	4	US-09-751-389-3	Sequence 3, Appli
	7	19	1.6	1467	4	US-09-579-182-2	Sequence 2, Appli
	8	19	1.6	1548	3	US-09-039-053-1	Sequence 1, Appli
	9	19	1.6	2771	4	US-09-016-434-1101	Sequence 1101, Ap
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13	18	1.5	1194	4	US-09-774-528-216	Sequence 216, App	
14	18	1.5	1438	3	US-09-487-331-4	Sequence 4, Appli	
15	18	1.5	1438	3	US-09-470-946-4	Sequence 4, Appli	
16	18	1.5	1669	3	US-09-318-448-8	Sequence 8, Appli	
17	18	1.5	3090	3	US-09-376-531-78	Sequence 78, Appli	
C	18	18	1.5	3819	4	US-10-140-002-405	Sequence 405, App
19	18	1.5	5246	4	US-09-799-451-474	Sequence 474, App	
20	18	1.5	70000	4	US-09-851-896-3	Sequence 3, Appli	
C	21	17	1.4	351	3	US-09-046-479-1	Sequence 1, Appli
C	22	17	1.4	351	3	US-08-822-879C-1	Sequence 1, Appli
C	23	17	1.4	351	4	US-09-608-810A-3	Sequence 3, Appli
C	24	17	1.4	351	4	US-09-404-417A-1	Sequence 1, Appli
C	25	17	1.4	435	4	US-09-252-991A-6817	Sequence 6817, Ap
26	17	1.4	439	3	US-09-222-575-172	Sequence 172, App	
27	17	1.4	439	4	US-09-389-681-172	Sequence 172, App	

C 101	16	1.4	314	4	US-09-513-999C-33885	Sequence 33885, A	174	16	1.4	1692	4	US-09-540-236-978	Sequence 978, App
C 102	16	1.4	321	2	US-08-888-366-21	Sequence 21, Appl	C 175	16	1.4	1695	1	US-08-361-920-20	Sequence 20, Appl
C 103	16	1.4	331	4	US-09-513-999C-8696	Sequence 8696, Ap	C 176	16	1.4	1695	1	US-08-479-939-20	Sequence 20, Appl
C 104	16	1.4	331	4	US-09-513-999C-848	Sequence 848, App	C 177	16	1.4	1695	1	US-08-483-432-20	Sequence 6, Appl
C 105	16	1.4	332	4	US-09-641-638-433	Sequence 433, App	C 178	16	1.4	1716	4	US-09-674-677-6	Sequence 6, Appl
C 106	16	1.4	352	4	US-09-641-638-434	Sequence 434, App	C 179	16	1.4	1717	1	US-08-468-709B-6	Sequence 6, Appl
C 107	16	1.4	352	4	US-10-170-097-433	Sequence 433, App	C 180	16	1.4	1717	2	US-08-241-664B-6	Sequence 6, Appl
C 108	16	1.4	352	4	US-09-513-999C-28692	Sequence 28692, A	C 181	16	1.4	1717	5	PCT-US93-03936-6	Sequence 1639, Ap
C 109	16	1.4	352	4	US-09-621-976-18404	Sequence 18404, A	C 182	16	1.4	1770	4	US-09-252-991A-1639	Sequence 1639, Ap
C 110	16	1.4	391	4	US-09-489-039A-3397	Sequence 3397, Ap	C 183	16	1.4	1824	4	US-09-016-434-1425	Sequence 1425, Ap
C 111	16	1.4	399	4	US-09-564-329A-10	Sequence 10, Appl	C 184	16	1.4	1825	4	US-09-023-655-1061	Sequence 1061, Ap
C 112	16	1.4	408	4	US-09-963-620-10	Sequence 10, Appl	C 185	16	1.4	1839	4	US-09-252-991A-1687	Sequence 1687, Ap
C 113	16	1.4	408	4	US-09-855-632-10	Sequence 62, Appl	C 186	16	1.4	1855	4	US-10-000-489-97	Sequence 97, Appl
C 114	16	1.4	423	2	US-08-822-028-62	Sequence 62, Appl	C 187	16	1.4	1868	4	US-09-733-455-1	Sequence 1, Appl
C 115	16	1.4	423	2	US-08-479-285-62	Sequence 62, Appl	C 188	16	1.4	1882	4	US-09-732-025-1	Sequence 1, Appl
C 116	16	1.4	423	4	US-09-503-653A-62	Sequence 62, Appl	C 189	16	1.4	1882	4	US-09-732-025-1	Sequence 427, App
C 117	16	1.4	439	3	US-09-042-353-360	Sequence 360, App	C 190	16	1.4	1914	4	US-09-620-312D-427	Sequence 1, Appl
C 118	16	1.4	439	3	US-08-758-417A-208	Sequence 208, App	C 191	16	1.4	1914	4	US-09-641-690A-1	Sequence 3804, Ap
C 119	16	1.4	439	3	US-09-513-999C-11302	Sequence 11302, A	C 192	16	1.4	1953	4	US-09-252-991A-3804	Sequence 41, Appl
C 120	16	1.4	456	4	US-09-621-976-10604	Sequence 10604, A	C 193	16	1.4	1994	4	US-09-398-395A-41	Sequence 41, Appl
C 121	16	1.4	480	4	US-09-621-976-2590	Sequence 2590, Ap	C 194	16	1.4	1994	4	US-09-887-586A-41	Sequence 41, Appl
C 122	16	1.4	497	4	US-09-621-976-2590	Sequence 2590, Ap	C 195	16	1.4	1994	4	US-09-895-752-41	Sequence 41, Appl
C 123	16	1.4	507	4	US-09-270-767-26001	Sequence 26001, A	C 196	16	1.4	1994	4	US-09-903-012B-41	Sequence 41, Appl
C 124	16	1.4	546	4	US-09-252-991A-1532	Sequence 1532, Ap	C 197	16	1.4	2012	1	US-08-235-838-15	Sequence 15, Appl
C 125	16	1.4	551	4	US-09-270-767-14395	Sequence 14395, A	C 198	16	1.4	2012	2	US-08-465-473B-15	Sequence 15, Appl
C 126	16	1.4	579	4	US-09-328-352-491	Sequence 491, App	C 199	16	1.4	2033	4	US-09-270-767-14130	Sequence 14130, A
C 127	16	1.4	594	4	US-09-252-991A-11119	Sequence 11119, A	C 200	16	1.4	2143	3	US-09-071-710-15	Sequence 15, Appl
C 128	16	1.4	612	4	US-09-270-767-10573	Sequence 10573, A	C 201	16	1.4	2143	3	US-09-525-397-15	Sequence 15, Appl
C 129	16	1.4	615	4	US-09-252-991A-12620	Sequence 12620, A	C 202	16	1.4	2152	3	US-09-071-710-16	Sequence 16, Appl
C 130	16	1.4	631	4	US-09-270-767-10068	Sequence 10068, A	C 203	16	1.4	2152	3	US-09-525-397-16	Sequence 16, Appl
C 131	16	1.4	651	4	US-09-252-991A-9984	Sequence 9984, Ap	C 204	16	1.4	2355	4	US-09-252-991A-3845	Sequence 3845, Ap
C 132	16	1.4	654	4	US-09-252-991A-11241	Sequence 11241, A	C 205	16	1.4	2360	4	US-09-023-655-1288	Sequence 1288, Ap
C 133	16	1.4	748	1	US-08-235-838-10	Sequence 10, Appl	C 206	16	1.4	2416	4	US-09-016-434-1364	Sequence 1264, Ap
C 134	16	1.4	772	3	US-08-465-473B-10	Sequence 10, Appl	C 207	16	1.4	2469	1	US-07-997-133-2	Sequence 2, Appl
C 135	16	1.4	772	3	US-09-030-607-11	Sequence 11, Appl	C 208	16	1.4	2469	5	US-08-459-296-1	Sequence 1, Appl
C 136	16	1.4	772	3	US-09-439-313-11	Sequence 11, Appl	C 209	16	1.4	2491	4	US-09-023-655-655	Sequence 655, App
C 137	16	1.4	772	3	US-09-352-616A-11	Sequence 11, Appl	C 210	16	1.4	2577	3	US-09-266-464-1	Sequence 1, Appl
C 138	16	1.4	772	4	US-09-232-149A-11	Sequence 11, Appl	C 211	16	1.4	2577	3	US-09-016-434-1095	Sequence 1095, Ap
C 139	16	1.4	772	4	US-09-159-812-11	Sequence 11, Appl	C 212	16	1.4	2577	4	US-09-952-385-1	Sequence 1, Appl
C 140	16	1.4	772	4	US-09-636-215-11	Sequence 11, Appl	C 213	16	1.4	2577	4	US-09-270-767-10497	Sequence 10497, A
C 141	16	1.4	772	4	US-09-685-166A-11	Sequence 11, Appl	C 214	16	1.4	2578	4	US-09-799-451-819	Sequence 819, App
C 142	16	1.4	772	4	US-09-115-453-11	Sequence 11, Appl	C 215	16	1.4	2646	4	US-08-451-822A-14	Sequence 14, Appl
C 143	16	1.4	772	4	US-09-688-489-11	Sequence 11, Appl	C 216	16	1.4	2662	2	US-08-323-430-14	Sequence 14, Appl
C 144	16	1.4	772	4	US-09-679-426-11	Sequence 11, Appl	C 217	16	1.4	2662	3	US-08-371-001-14	Sequence 14, Appl
C 145	16	1.4	819	1	US-08-792-019B-4	Sequence 1, Appl	C 218	16	1.4	2733	5	PCT-US96-00331-14	Sequence 13851, A
C 146	16	1.4	819	3	US-08-988-819-4	Sequence 4, Appl	C 219	16	1.4	2733	5	US-09-270-767-13851	Sequence 2, Appl
C 147	16	1.4	819	3	US-09-016-534-4	Sequence 4, Appl	C 220	16	1.4	2796	4	US-08-506-340A-2	Sequence 2, Appl
C 148	16	1.4	847	1	US-08-053-131-184	Sequence 184, App	C 221	16	1.4	2859	2	US-09-409-180A-2	Sequence 2, Appl
C 149	16	1.4	847	1	US-08-096-762-184	Sequence 184, App	C 222	16	1.4	2872	3	US-09-327-487A-2	Sequence 703, App
C 150	16	1.4	847	3	US-09-042-353-47	Sequence 47, Appl	C 223	16	1.4	2904	4	US-09-636-215-703	Sequence 703, App
C 151	16	1.4	847	3	US-08-758-417A-312	Sequence 312, App	C 224	16	1.4	2904	4	US-09-685-166A-703	Sequence 703, App
C 152	16	1.4	847	3	US-08-718-388-1	Sequence 1, Appl	C 225	16	1.4	2904	4	US-09-679-426-703	Sequence 888, App
C 153	16	1.4	909	4	US-09-540-236-1829	Sequence 1829, Ap	C 226	16	1.4	2911	4	US-09-799-451-888	Sequence 27941, A
C 154	16	1.4	924	1	US-08-468-709B-1	Sequence 1, Appl	C 227	16	1.4	2980	4	US-09-270-767-27941	Sequence 277, App
C 155	16	1.4	924	2	US-08-241-664B-1	Sequence 174, App	C 228	16	1.4	3146	4	US-09-620-312D-277	Sequence 110, App
C 156	16	1.4	924	4	US-09-640-173-174	Sequence 174, App	C 229	16	1.4	3410	3	US-09-020-956-110	Sequence 110, App
C 157	16	1.4	924	4	US-09-713-550-174	Sequence 174, App	C 230	16	1.4	3410	3	US-09-030-607-110	Sequence 110, App
C 158	16	1.4	924	4	US-09-825-294-174	Sequence 174, App	C 231	16	1.4	3410	3	US-09-439-313-110	Sequence 110, App
C 159	16	1.4	924	4	US-09-970-966-174	Sequence 174, App	C 232	16	1.4	3410	3	US-09-352-616A-110	Sequence 110, App
C 160	16	1.4	924	5	PCT-US93-03936-1	Sequence 1, Appl	C 233	16	1.4	3410	4	US-09-602-877A-100	Sequence 100, App
C 161	16	1.4	927	3	US-09-147-915-2	Sequence 2, Appl	C 234	16	1.4	3410	4	US-09-432-149A-110	Sequence 110, App
C 162	16	1.4	1065	3	US-08-875-811-56	Sequence 56, Appl	C 235	16	1.4	3410	4	US-09-159-812-110	Sequence 110, App
C 163	16	1.4	1125	4	US-09-218-489-1	Sequence 1, Appl	C 236	16	1.4	3410	4	US-09-636-215-110	Sequence 110, App
C 164	16	1.4	1230	4	US-09-252-991A-3665	Sequence 3665, Ap	C 237	16	1.4	3410	4	US-09-685-166A-110	Sequence 110, App
C 165	16	1.4	1334	4	US-09-270-767-12625	Sequence 12625, A	C 238	16	1.4	3410	4	US-09-115-453-110	Sequence 110, App
C 166	16	1.4	1336	3	US-08-718-388-2	Sequence 2, Appl	C 239	16	1.4	3410	4	US-09-688-489-110	Sequence 110, App
C 167	16	1.4	1386	4	US-09-252-991A-1489	Sequence 1489, Ap	C 240	16	1.4	3410	4	US-09-679-426-110	Sequence 3, Appl
C 168	16	1.4	1398	4	US-09-270-767-29910	Sequence 29910, A	C 241	16	1.4	3524	3	US-09-077-940A-3	Sequence 10, Appl
C 169	16	1.4	1535	4	US-09-270-767-11354	Sequence 11354, A	C 242	16	1.4	3530	3	US-08-704-711A-10	Sequence 10, Appl
C 170	16	1.4	1572	4	US-09-489-039A-5714	Sequence 5714, Ap	C 243	16	1.4	3530	3	US-09-521-220-10	Sequence 543, App
C 171	16	1.4	1639	4	US-09-620-312D-317	Sequence 317, App	C 244	16	1.4	3721	4	US-10-140-002-543	Sequence 1, Appl
C 172	16	1.4	1639	4	US-09-328-352-1458	Sequence 1458, Ap	C 245	16	1.4	3831	4	US-09-360-394C-1	Sequence 1, Appl
C 173	16	1.4	1641	4			C 246	16	1.4				

247 16 1.4 3839 3 US-09-056-105-14 Sequence 14, Appl
248 16 1.4 3931 4 US-08-956-171E-342 Sequence 342, App
249 16 1.4 3931 4 US-08-781-986A-342 Sequence 342, App
250 16 1.4 3977 4 US-09-270-767-12208 Sequence 12208, A
251 16 1.4 3977 4 US-09-398-522-51 Sequence 51, Appl
252 16 1.4 4034 4 US-09-638-215-704 Sequence 704, App
253 16 1.4 4034 4 US-09-685-166A-704 Sequence 704, App
254 16 1.4 4034 4 US-09-679-426-704 Sequence 704, App
255 16 1.4 4266 4 US-09-919-039-159 Sequence 159, App
256 16 1.4 4394 4 US-09-620-312D-297 Sequence 297, App
257 16 1.4 4631 4 US-09-799-451-394 Sequence 394, App
258 16 1.4 4832 4 US-08-851-567B-58 Sequence 58, Appl
259 16 1.4 4894 4 US-09-636-215-702 Sequence 702, App
260 16 1.4 4894 4 US-09-685-166A-702 Sequence 702, App
261 16 1.4 4894 4 US-09-679-426-702 Sequence 702, App
262 16 1.4 5330 4 US-09-023-905A-1 Sequence 1, Appl
263 16 1.4 5430 3 US-09-012-515A-11 Sequence 11, Appl
264 16 1.4 5430 3 US-08-360-144A-11 Sequence 11, Appl
265 16 1.4 5430 4 US-09-012-504A-11 Sequence 11, Appl
266 16 1.4 5430 4 US-09-012-399A-11 Sequence 11, Appl
267 16 1.4 5524 4 US-09-844-497-3 Sequence 3, Appl
268 16 1.4 5524 4 US-09-426-998-3 Sequence 3, Appl
269 16 1.4 6976 4 US-09-636-215-705 Sequence 705, App
270 16 1.4 6976 4 US-09-685-166A-705 Sequence 705, App
271 16 1.4 6976 4 US-09-679-426-702 Sequence 702, App
272 16 1.4 7653 3 US-08-471-112A-1 Sequence 1, Appl
273 16 1.4 7653 4 US-09-950-634-1 Sequence 1, Appl
274 16 1.4 7741 3 US-09-426-998-4 Sequence 4, Appl
275 16 1.4 7824 3 US-08-718-388-6 Sequence 6, Appl
276 16 1.4 7824 5 PCT-US95-06722-11 Sequence 11, Appl
277 16 1.4 8285 4 US-09-732-025-3 Sequence 3, Appl
278 16 1.4 8598 4 US-08-305-790B-1 Sequence 1, Appl
279 16 1.4 9046 1 US-08-227-536-1 Sequence 1, Appl
280 16 1.4 9046 5 PCT-US95-04682-1 Sequence 1, Appl
281 16 1.4 11517 1 US-07-920-281C-1 Sequence 1, Appl
282 16 1.4 11517 3 US-08-466-277-1 Sequence 1, Appl
283 16 1.4 11517 4 US-09-688-842-1 Sequence 1, Appl
284 16 1.4 11725 2 US-08-756-506-1 Sequence 1, Appl
285 16 1.4 11725 4 US-09-328-925-50 Sequence 50, Appl
286 16 1.4 11725 4 US-09-054-272-31 Sequence 31, Appl
287 16 1.4 11827 4 US-09-518-166-209 Sequence 3, Appl
288 16 1.4 16382 3 US-08-718-388-8 Sequence 8, Appl
289 16 1.4 24707 4 US-09-740-027-3 Sequence 3, Appl
290 16 1.4 34001 4 US-09-596-002-18 Sequence 18, Appl
291 16 1.4 51259 3 US-08-781-891-209 Sequence 209, App
292 16 1.4 51259 4 US-09-618-166-209 Sequence 209, App
293 16 1.4 70000 4 US-09-851-896-3 Sequence 3, Appl
294 16 1.4 80246 3 US-09-078-294-4 Sequence 4, Appl
295 16 1.4 80595 3 US-09-078-294-3 Sequence 3, Appl
296 16 1.4 107820 4 US-09-792-616-1 Sequence 1, Appl
297 16 1.4 128779 4 US-09-497-855A-38 Sequence 38, Appl
298 16 1.4 254366 4 US-09-822-871-3 Sequence 3, Appl
299 16 1.4 263223 4 US-09-596-002-41 Sequence 41, Appl
300 16 1.4 1830121 4 US-09-557-884-1 Sequence 1, Appl

ALIGNMENTS

RESULT 1
US-09-513-999C-25546/c
; Sequence 25546, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59, US2, REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487

; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 25546
; LENGTH: 277
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-25546

Query Match 1.7%; Score 20; DB 4; Length 277;
Best Local Similarity 100.0%; Pred. No. 5.1;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 210 AGATCTCTCCAGGCTGAGAG 229
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Db 221 AGATCTCTCCAGGCTGAGAG 202
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RESULT 2
US-09-621-976-10381
; Sequence 10381, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET 054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 10381
; LENGTH: 539
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-621-976-10381

Query Match 1.7%; Score 20; DB 4; Length 539;
Best Local Similarity 100.0%; Pred. No. 5;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 472 TGTGACCATGAGCAGAG 491
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Db 52 TGTGACCATGAGCAGAG 71
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RESULT 3
US-08-707-793A-3
; Sequence 3, Application US/08707793A
; Patent No. 5776696
; GENERAL INFORMATION:
; APPLICANT: SALOWE, SCOTT P.
; TITLE OF INVENTION: A HIGH THROUGHPUT ASSAY USING
; TITLE OF INVENTION: FUSION PROTEINS
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000, 126 E. Lincoln Ave.
; CITY: Rahway
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065-0900
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/707,793A
; FILING DATE: 04-SEP-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Camara, Valerie J
; REGISTRATION NUMBER: 35,090
; REFERENCE/DOCKET NUMBER: 19494
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3902
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 675 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
US-08-707-792A-3
Query Match 1.7%; Score 20; DB 1; Length 675;
Best Local Similarity 100.0%; Pred. No. 5;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCCTCATCCGGGAGGC 766
DB 443 CCTTCCTCATCCGGGAGGC 462

RESULT 4
US-08-707-792A-3
; Sequence 3, Application US/08707792A
; Patent No. 5783398
; GENERAL INFORMATION:
; APPLICANT: MARCY, ALICE
; APPLICANT: SALONE, SCOTT P.
; APPLICANT: WISNEWSKI, DOUGLAS
; TITLE OF INVENTION: A HIGH THROUGHPUT ASSAY USING
; TITLE OF INVENTION: FUSION PROTEINS
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Merck & Co., Inc.
; STREET: P.O. Box 2000, 126 B. Lincoln Ave.
; CITY: Rahway
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065-0900
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/707,792A
; FILING DATE: 04-SEP-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Camara, Valerie J
; REGISTRATION NUMBER: 35,090
; REFERENCE/DOCKET NUMBER: 19524
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3902
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 675 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA

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US-08-707-792A-3
Query Match 1.7%; Score 20; DB 1; Length 675;
Best Local Similarity 100.0%; Pred. No. 5;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCCTCATCCGGGAGGC 766
DB 443 CCTTCCTCATCCGGGAGGC 462

RESULT 5
US-09-016-434-1452
; Sequence 1452, Application US/09016434
; Patent No. 6500938
; GENERAL INFORMATION:
; APPLICANT: Janice Au-Young
; APPLICANT: Jeffrey J. Seilhamer
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
; TITLE OF INVENTION: PATHWAY GENE EXPRESSION
; NUMBER OF SEQUENCES: 1490
; CORRESPONDENCE ADDRESS:
; ADDRESSER: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/016,434
; FILING DATE: HERewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Zeller, Karen J.
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0002 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1452:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2129 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: g775207
US-09-016-434-1452
Query Match 1.7%; Score 20; DB 4; Length 2129;
Best Local Similarity 100.0%; Pred. No. 5;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCCTCATCCGGGAGGC 766
DB 508 CCTTCCTCATCCGGGAGGC 527

RESULT 6
US-09-751-389-3
; Sequence 3, Application US/09751389
; Patent No. 6630334
; GENERAL INFORMATION:

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APPLICANT: GUEGLER, Karl et al
TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
FILE REFERENCE: CL001067
CURRENT APPLICATION NUMBER: US/09/751,389
CURRENT FILING DATE: 2001-01-02
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 786431
TYPE: DNA
ORGANISM: Human
FEATURE:
NAME/KEY: misc feature
LOCATION: (1) .. (786431)
OTHER INFORMATION: n = A,T,C or G
US-09-751-389-3

Query Match 1.7%; Score 20; DB 4; Length 786431;
Best Local Similarity 100.0%; Pred. No. 4.9;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 693 TGACGAGGAGGAGGAGGAGGAGG 712
Db 412751 TGACGAGGAGGAGGAGGAGGAGG 412770

RESULT 7
US-09-579-182-2
Sequence 2, Application US/09579182
Patent No. 6500628
GENERAL INFORMATION:
APPLICANT: Robison, Keith E.
TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE AND
NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE AND
TITLE OF INVENTION: PHOSPHATASE HOMOLOGUES AND USES THEREFOR
FILE REFERENCE: MNI-161
CURRENT APPLICATION NUMBER: US/09/579,182
CURRENT FILING DATE: 2000-05-25
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 1467
TYPE: DNA
ORGANISM: Homo sapiens
US-09-579-182-2

Query Match 1.6%; Score 19; DB 4; Length 1467;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 742 AGGGGCGCTTCTCATCCGG 760
Db 423 AGGGGCGCTTCTCATCCGG 441

RESULT 8
US-09-099-053-1
Sequence 1, Application US/09099053
Patent No. 6388063
GENERAL INFORMATION:
APPLICANT: Greg Plowman
APPLICANT: Susan Onrust
APPLICANT: David Markby
APPLICANT: Sara Courtneidge
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF
TITLE OF INVENTION: SAD RELATED DISORDERS
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles

STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/099,053
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/049,914
FILING DATE: June 18, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 235/121
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1548 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-099-053-1

Query Match 1.6%; Score 19; DB 3; Length 1548;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 742 AGGGGCGCTTCTCATCCGG 760
Db 471 AGGGGCGCTTCTCATCCGG 489

RESULT 9
US-09-016-434-1101
Sequence 1101, Application US/09016434
Patent No. 6500938
GENERAL INFORMATION:
APPLICANT: Janice Au-Young
APPLICANT: Jeffrey J. Seilhamer
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
TITLE OF INVENTION: PATHWAY GENE EXPRESSION
NUMBER OF SEQUENCES: 1490
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/016,434
FILING DATE: HEREWITH
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Zeller, Karen J.

us-09-939-853a-74.olig.rni

Mon Jan 3 11:32:11 2005

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;
; REGISTRATION NUMBER: 37,071
; REFERENCE/DOCKET NUMBER: PA-0002 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 855-0555
; TELEFAX: (650) 845-4166
; INFORMATION FOR SEQ ID NO: 1101:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2771 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: GENBANK
; CLONE: GI256002
; US-09-016-434-1101

Query Match          1.6%; Score 19; DB 4; Length 2771;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 585 CTGAGGATGGAGACTGGTG 603
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Db 1305 CTGAGGATGGAGACTGGTG 1323

RESULT 10
US-09-513-999C-32749
; Sequence 32749, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59 US2 REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 32749
; LENGTH: 438
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 149
; OTHER INFORMATION: y=c or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 150
; OTHER INFORMATION: b=c or g or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 296
; OTHER INFORMATION: n=a, g, c or t
; US-09-513-999C-32749

Query Match          1.5%; Score 18; DB 4; Length 438;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 696 GCAGGGGAGAAAGCAGAGG 713
    |||||||
Db 38 GCAGGGGAGAAAGCAGAGG 55

RESULT 11
US-09-270-767-2166/c
; Sequence 2166, Application US/09270767
; Patent No. 6703491
```

```
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2166
; LENGTH: 768
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
; US-09-270-767-2166

Query Match          1.5%; Score 18; DB 4; Length 768;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 646 CAGCGTCCACGTGGGCAA 663
    |||||||
Db 187 CAGCGTCCACGTGGGCAA 170

RESULT 12
US-09-270-767-17448/c
; Sequence 17448, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17448
; LENGTH: 768
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
; US-09-270-767-17448

Query Match          1.5%; Score 18; DB 4; Length 768;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 646 CAGCGTCCACGTGGGCAA 663
    |||||||
Db 187 CAGCGTCCACGTGGGCAA 170

RESULT 13
US-09-774-528-216
; Sequence 216, Application US/09774528
; Patent No. 6743619
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Zhou, Ping
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Ren, Feiyan
; APPLICANT: Zhang, Jie
; APPLICANT: Zhao, Qing A.
; APPLICANT: Yang, Yonghong
; APPLICANT: Xue, Aidong J.
; APPLICANT: Wehrman, Tom
; APPLICANT: Wang, Jian-Rui
; APPLICANT: Wang, Dunrui
; APPLICANT: Drmanac, Radoje T.
; TITLE OF INVENTION: No. 6743619el Nucleic Acids and
; FILE REFERENCE: Polypeptides
; CURRENT APPLICATION NUMBER: US/09/774,528
```

; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 441
; SOFTWARE: pt_FL_genes Version 2.0
; SEQ ID NO 216
; LENGTH: 1194
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(648)
US-09-774-528-216

Query Match 1.5%; Score 18; DB 4; Length 1194;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 541 GGCCGAGCTGCTGCTGAG 558
Db 111 GGCCGAGCTGCTGCTGAG 128

RESULT 14
US-09-187-331-4
; Sequence 4, Application US/09187331
; Patent No. 6043056
; GENERAL INFORMATION:
; APPLICANT: Yue, Henry
; APPLICANT: Corley, Neil C.
; APPLICANT: Guegler, Karl J.
; APPLICANT: Gorgone, Gina A.
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: CELL SURFACE GLYCOPROTEINS
; FILE REFERENCE: PF-0631 US
; CURRENT APPLICATION NUMBER: US/09/187.331
; CURRENT FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PERL Program
; SEQ ID NO 4
; LENGTH: 1438
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: 2705267
US-09-187-331-4

Query Match 1.5%; Score 18; DB 3; Length 1438;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1139 TACATCAGCCTGAATGAC 1156
Db 855 TACATCAGCCTGAATGAC 872

RESULT 15
US-09-470-946-4
; Sequence 4, Application US/09470946
; Patent No. 6358923
; GENERAL INFORMATION:
; APPLICANT: Yue, Henry
; APPLICANT: Corley, Neil C.
; APPLICANT: Guegler, Karl J.
; APPLICANT: Gorgone, Gina A.
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: CELL SURFACE GLYCOPROTEINS
; FILE REFERENCE: PF-0631 US
; CURRENT APPLICATION NUMBER: US/09/470.946
; CURRENT FILING DATE: 1999-12-22
; EARLIER APPLICATION NUMBER: US 09/187.331
; EARLIER FILING DATE: 1998-11-06
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PERL Program
; SEQ ID NO 4

; LENGTH: 1438
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: 2705267
US-09-470-946-4

Query Match 1.5%; Score 18; DB 3; Length 1438;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1139 TACATCAGCCTGAATGAC 1156
Db 855 TACATCAGCCTGAATGAC 872

RESULT 16
US-09-318-448-8
; Sequence 8, Application US/09318448
; Patent No. 6210950
; GENERAL INFORMATION:
; APPLICANT: Johnson, William G.
; APPLICANT: Stenroos, Edward S.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; TITLE OF INVENTION: DEVELOPMENTAL DISORDERS
; FILE REFERENCE: 601-1-057
; CURRENT APPLICATION NUMBER: US/09/318.448
; CURRENT FILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 1669
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-318-448-8

Query Match 1.5%; Score 18; DB 3; Length 1669;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 416 AGAAGAAAATCTCTGCCA 433
Db 494 AGAAGAAAATCTCTGCCA 511

RESULT 17
US-09-276-531-78/c
; Sequence 78, Application US/09276531
; Patent No. 6183968
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Lal, Preeti
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Yue, Henry
; APPLICANT: Reddy, Roopa
; APPLICANT: Guegler, Karl J.
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF GENES ENCODING
; TITLE OF INVENTION: RECEPTORS AND PROTEINS ASSOCIATED WITH CELL PROLIFERATION
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 PORTER DRIVE
; CITY: PALO ALTO
; STATE: CALIFORNIA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/276,531
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION NUMBER: 60/079,677
FILING DATE: March 27, 1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Lynn E. Murry, Ph.D.
REGISTRATION NUMBER: 42,918
REFERENCE/DOCKET NUMBER: PA-0008 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 3090 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: BRAINOT14
CLONE: 1595762
US-09-276-531-78

Query Match 1.5%; Score 18; DB 3; Length 3090;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1093 GGAGGAGTCTCTTCTCAG 1110
Db 398 GGAGGAGTCTCTTCTCAG 381

RESULT 18

US-10-140-002-405/c
Sequence 405, Application US/10140002
Patent No. 6725730
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330RIC59
CURRENT APPLICATION NUMBER: US/10/140,002
CURRENT FILING DATE: 2002-05-06
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 405
LENGTH: 3819
TYPE: DNA
ORGANISM: Homo Sapien
US-10-140-002-405

Query Match 1.5%; Score 18; DB 4; Length 3819;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1093 GGAGGAGTCTCTTCTCAG 1110
Db 1081 GGAGGAGTCTCTTCTCAG 1064

RESULT 19

US-09-799-451-474
Sequence 474, Application US/09799451
Patent No. 6783969
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Zhou, Ping
APPLICANT: Goodrich, Ryle
APPLICANT: Asundi, Vinod
APPLICANT: Ren, Feiyan
APPLICANT: Zhang, Jie
APPLICANT: Xue, Aidong J.
APPLICANT: Zhao, Qing A.
APPLICANT: Wang, Jian-Rui
APPLICANT: Ma, Yuning
APPLICANT: Yamazaki, Victoria
APPLICANT: Chen, Rui-hong
APPLICANT: Wang, Zhiwei
APPLICANT: Wang, Dunrui
APPLICANT: Yang, Yonghong
APPLICANT: Wehrman, Tom
APPLICANT: Ghosh, Reena
APPLICANT: Drmanac, Radoje T.
TITLE OF INVENTION: No. 6783969el Nucleic Acids and
TITLE OF INVENTION: Polypeptides
FILE REFERENCE: 803
CURRENT APPLICATION NUMBER: US/09/799,451
CURRENT FILING DATE: 2001-03-05
NUMBER OF SEQ ID NOS: 948
SOFTWARE: pt_FL_genes Version 2.0
SEQ ID NO 474
LENGTH: 5246
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (120)..(5243)
US-09-799-451-474

Query Match 1.5%; Score 18; DB 4; Length 5246;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 295 TGTCCAGCCAGAGCATGC 312
Db 3820 TGTCCAGCCAGAGCATGC 3837

RESULT 20

US-09-851-896-3
Sequence 3, Application US/09851896
Patent No. 6410325
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0220
CURRENT APPLICATION NUMBER: US/09/851,896
CURRENT FILING DATE: 2001-05-08
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 3
LENGTH: 70000
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
US-09-851-896-3

Query Match 1.5%; Score 18; DB 4; Length 70000;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 455 GTCCAAGCCAGGACCT 472
Db 60708 GTCCAAGCCAGGACCT 60725

RESULT 21

US-09-046-479-1/C
; Sequence 1, Application US/09046479
; Patent No. 6291653
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Deisher, Theresa A.
; TITLE OF INVENTION: MOTILIN HOMOLOGS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/046.479
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sawislak, Deborah A.
; REGISTRATION NUMBER: 37,438
; REFERENCE/DOCKET NUMBER: 97-04
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6672
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 351 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 1...351
; OTHER INFORMATION:
; NAME/KEY: sig_peptide
; LOCATION: 1...69
; OTHER INFORMATION:
; NAME/KEY: mat_peptide
; LOCATION: 70...351
; OTHER INFORMATION:

Query Match 1.4%; Score 17; DB 3; Length 351;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 296 GTCCAGCCAGGACGTC 312
Db 57 GTCCAGCCAGGACGTC 41

RESULT 22

US-08-822-897C-1/c
; Sequence 1, Application US/08822897C
; Patent No. 6380158
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Deisher, Theresa A.
; TITLE OF INVENTION: MOTILIN HOMOLOGS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/822.897C
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sawislak, Deborah A.
; REGISTRATION NUMBER: 37,438
; REFERENCE/DOCKET NUMBER: 97-04
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6672
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 351 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 1...351
; OTHER INFORMATION:
; NAME/KEY: sig_peptide
; LOCATION: 1...69
; OTHER INFORMATION:
; NAME/KEY: mat_peptide
; LOCATION: 70...351
; OTHER INFORMATION:

Query Match 1.4%; Score 17; DB 3; Length 351;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 296 GTCCAGCCAGGACGTC 312
Db 57 GTCCAGCCAGGACGTC 41

RESULT 23

US-09-608-810A-3/C
; Sequence 3, Application US/09608810A
; Patent No. 6420521
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Jaspers, Stephen R.
; APPLICANT: Deisher, Theresa A.

us-09-939-853a-74.olig.rni

Mon Jan 3 11:32:11 2005

APPLICANT: Bishop, Paul D.
TITLE OF INVENTION: SGLP PEPTIDES
FILE REFERENCE: 99-51
CURRENT APPLICATION NUMBER: US/09/608,810A
CURRENT FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: 60/141,592
PRIOR FILING DATE: 1999-06-30
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 3
LENGTH: 351
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)...(351)
NAME/KEY: sig_peptide
LOCATION: (1)...(69)
NAME/KEY: mat_peptide
LOCATION: (70)...(351)
US-09-608-810A-3

Query Match 1.4%; Score 17; DB 4; Length 351;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 296 GTCCAGCCAGCATGC 312
Db 57 GTCCAGCCAGCATGC 41

RESULT 24
US-09-404-417A-1/c
Sequence 1, Application US/09404417A
Patent No. 6627729
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Deisher, Theresa A.
APPLICANT: Jaspers, Stephen R.
TITLE OF INVENTION: TML PEPTIDES
FILE REFERENCE: 97-04C1
CURRENT APPLICATION NUMBER: US/09/404,417A
CURRENT FILING DATE: 1999-09-23
NUMBER OF SEQ ID NOS: 13
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1
LENGTH: 351
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)...(351)
US-09-404-417A-1

Query Match 1.4%; Score 17; DB 4; Length 351;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 296 GTCCAGCCAGCATGC 312
Db 57 GTCCAGCCAGCATGC 41

RESULT 25
US-09-252-991A-6817/c
Sequence 6817, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenfield et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.136
CURRENT APPLICATION NUMBER: US/09/252,991A

CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 6817
LENGTH: 435
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-6817

Query Match 1.4%; Score 17; DB 4; Length 435;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 692 CTGAGCAGGGAGAAAGC 708
Db 427 CTGAGCAGGGAGAAAGC 411

RESULT 26
US-09-222-575-172
Sequence 172, Application US/09222575
Patent No. 6387697
GENERAL INFORMATION:
APPLICANT: Yuqiu, Jjiang
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jjiangchun
TITLE OF INVENTION: Compositions for the Treatment and Diagnosis of Breast Cancer
TITLE OF INVENTION: and Methods for their Use
FILE REFERENCE: 210121.470
CURRENT APPLICATION NUMBER: US/09/222,575
CURRENT FILING DATE: 1998-12-28
NUMBER OF SEQ ID NOS: 174
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 172
LENGTH: 439
TYPE: DNA
ORGANISM: Human
FEATURE:
NAME/KEY: modified_base
LOCATION: (19)
OTHER INFORMATION: Where n is a, c, g or t
NAME/KEY: modified_base
LOCATION: (375)
OTHER INFORMATION: Where n is a, c, g or t
NAME/KEY: modified_base
LOCATION: (388)
OTHER INFORMATION: Where n is a, c, g or t
NAME/KEY: modified_base
LOCATION: (390)
OTHER INFORMATION: Where n is a, c, g or t
NAME/KEY: modified_base
LOCATION: (395)
OTHER INFORMATION: Where n is a, c, g or t
NAME/KEY: modified_base
LOCATION: (409)
OTHER INFORMATION: Where n is a, c, g or t
NAME/KEY: modified_base
LOCATION: (426)
OTHER INFORMATION: Where n is a, c, g or t
NAME/KEY: modified_base
LOCATION: (434)
OTHER INFORMATION: Where n is a, c, g or t
US-09-222-575-172

Query Match 1.4%; Score 17; DB 3; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGGC 766

Db 80 TCCTCATCCGGGAGGC 96
|||||

RESULT 27
US-09-389-681-172
; Sequence 172, Application US/09389681A
; Patent No. 6518237
; GENERAL INFORMATION:
; APPLICANT: Yuqiu, Jiong
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; FILE REFERENCE: 210121.470C3
; CURRENT APPLICATION NUMBER: US/09/389,681A
; CURRENT FILING DATE: 1999-09-02
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-389-681-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGGC 766
|||||

Db 80 TCCTCATCCGGGAGGC 96

RESULT 28
US-09-620-405B-172
; Sequence 172, Application US/09620405B
; Patent No. 6528054
; GENERAL INFORMATION:
; APPLICANT: Jiong, Yuqiu
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Hepler, William T.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.470C8
; CURRENT APPLICATION NUMBER: US/09/620,405B
; CURRENT FILING DATE: 2000-07-20
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-620-405B-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGGC 766
|||||

Db 80 TCCTCATCCGGGAGGC 96

RESULT 29
US-09-339-338-172
; Sequence 172, Application US/09339338A
; Patent No. 6573368
; GENERAL INFORMATION:
; APPLICANT: Yuqiu, Jiong
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; FILE REFERENCE: 210121.470C2
; CURRENT APPLICATION NUMBER: US/09/339,338A
; CURRENT FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 315
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-339-338-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGGC 766
|||||

Db 80 TCCTCATCCGGGAGGC 96

RESULT 30
US-09-433-826B-172
; Sequence 172, Application US/09433826B
; Patent No. 6579973
; GENERAL INFORMATION:
; APPLICANT: Jiong, Yuqiu
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; FILE REFERENCE: 210121.470C4
; CURRENT APPLICATION NUMBER: US/09/433,826B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 474
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)...(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-433-826B-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGGC 766
|||||

Db 80 TCCTCATCCGGGAGGC 96

Mon Jan 3 11:32:11 2005

RESULT 33
US-09-834-759-172
; Sequence 172, Application US/09834759
; Patent No. 6680197
; GENERAL INFORMATION:
; APPLICANT: Jiang, Yugu
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Hepler, William T.
; APPLICANT: Henderson, Robert A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.470C9
; CURRENT APPLICATION NUMBER: US/09/834,759
; CURRENT FILING DATE: 2001-04-13
; NUMBER OF SEQ ID NOS: 547
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-834-759-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 750 TCCTCATCCGGGAGGC 766
|||||
DB 80 TCCTCATCCGGGAGGC 96

RESULT 34
US-09-590-751A-172
; Sequence 172, Application US/09590751A
; Patent No. 6756477
; GENERAL INFORMATION:
; APPLICANT: Yuqiu, Jiang
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; TITLE OF INVENTION: COMPOSITIONS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.470C6
; CURRENT APPLICATION NUMBER: US/09/590,751A
; CURRENT FILING DATE: 2000-06-08
; NUMBER OF SEQ ID NOS: 479
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-590-751A-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 750 TCCTCATCCGGGAGGC 766
|||||
DB 80 TCCTCATCCGGGAGGC 96

RESULT 31
US-09-604-287A-172
; Sequence 172, Application US/09604287A
; Patent No. 6586572
; GENERAL INFORMATION:
; APPLICANT: Jiang, Yugu
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Harlocker, Susan L.
; APPLICANT: Hepler, William T.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.470C7
; CURRENT APPLICATION NUMBER: US/09/604,287A
; CURRENT FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 489
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-604-287A-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 750 TCCTCATCCGGGAGGC 766
|||||
DB 80 TCCTCATCCGGGAGGC 96

RESULT 32
US-09-285-480-172
; Sequence 172, Application US/09285480
; Patent No. 6590076
; GENERAL INFORMATION:
; APPLICANT: Yuqiu, Jiang
; APPLICANT: Dillon, Davin C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Xu, Jiangchun
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE
; FILE REFERENCE: 210121.470C1
; CURRENT APPLICATION NUMBER: US/09/285,480
; CURRENT FILING DATE: 1999-04-02
; NUMBER OF SEQ ID NOS: 181
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 172
; LENGTH: 439
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(439)
; OTHER INFORMATION: n = A,T,C or G
US-09-285-480-172

Query Match 1.4%; Score 17; DB 4; Length 439;
Best Local Similarity 100.0%; Pred. No. 1.5e+02; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 750 TCCTCATCCGGGAGGC 766
|||||
DB 80 TCCTCATCCGGGAGGC 96

RESULT 35

US-09-702-705-1598
; Sequence 1598, Application US/09702705
; Patent No. 6504010
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Lodes, Michael A.
; APPLICANT: Fanger, Gary
; APPLICANT: Vedrick, Tom
; APPLICANT: Carter, Darrick
; APPLICANT: Retter, Marc
; APPLICANT: Mannion, Jane
; APPLICANT: Fan, Liqun
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.478C14
; CURRENT APPLICATION NUMBER: US/09/702,705
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 1833
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1598
; LENGTH: 445
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-702-705-1598

Query Match 1.4%; Score 17; DB 4; Length 445;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGGC 766
|||||
Db 59 TCCTCATCCGGGAGGC 75

RESULT 36

US-09-736-457-1598
; Sequence 1598, Application US/09736457
; Patent No. 6509448
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Lodes, Michael A.
; APPLICANT: Fanger, Gary
; APPLICANT: Vedrick, Tom
; APPLICANT: Carter, Darrick
; APPLICANT: Retter, Marc
; APPLICANT: Mannion, Jane
; APPLICANT: Fan, Liqun
; APPLICANT: Wang, Aijun
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.478C15
; CURRENT APPLICATION NUMBER: US/09/736,457
; CURRENT FILING DATE: 2000-12-13
; NUMBER OF SEQ ID NOS: 1864
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1598
; LENGTH: 445
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-736-457-1598

Query Match 1.4%; Score 17; DB 4; Length 445;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGGC 766
|||||
Db 59 TCCTCATCCGGGAGGC 75

RESULT 37

US-09-614-124B-1598
; Sequence 1598, Application US/09614124B
; Patent No. 6630574
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Lodes, Michael A.
; APPLICANT: Fanger, Gary
; APPLICANT: Vedrick, Tom
; APPLICANT: Carter, Darrick
; APPLICANT: Retter, Marc
; APPLICANT: Mannion, Jane
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
; FILE REFERENCE: 210121.478C9
; CURRENT APPLICATION NUMBER: US/09/614,124B
; CURRENT FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 1668
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1598
; LENGTH: 445
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-614-124B-1598

Query Match 1.4%; Score 17; DB 4; Length 445;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGGC 766
|||||
Db 59 TCCTCATCCGGGAGGC 75

RESULT 38

US-09-671-325-1598
; Sequence 1598, Application US/09671325
; Patent No. 6667154
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Lodes, Michael A.
; APPLICANT: Fanger, Gary
; APPLICANT: Vedrick, Tom
; APPLICANT: Carter, Darrick
; APPLICANT: Retter, Marc
; APPLICANT: Mannion, Jane
; APPLICANT: Fan, Liqun
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.478C12
; CURRENT APPLICATION NUMBER: US/09/671,325
; CURRENT FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 1825
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1598
; LENGTH: 445
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-671-325-1598

Query Match 1.4%; Score 17; DB 4; Length 445;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGGC 766
|||||
Db 59 TCCTCATCCGGGAGGC 75

RESULT 39

US-09-658-824-1598
; Sequence 1598, Application US/09658824
; Patent No. 6746846

; GENERAL INFORMATION:

; APPLICANT: Wang, Tongtong

; APPLICANT: Bangur, Chaitanya S.

; APPLICANT: Lodes, Michael A.

; APPLICANT: Fanger, Gary

; APPLICANT: Vedvick, Tom

; APPLICANT: Carter, Darrick

; APPLICANT: Retter, Marc

; APPLICANT: Mannion, Jane

; APPLICANT: Fan, Liqun

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND

; FILE OF INVENTION: DIAGNOSIS OF LUNG CANCER

; FILE REFERENCE: 210121.478C11

; CURRENT APPLICATION NUMBER: US/09/658,824

; CURRENT FILING DATE: 2000-09-08

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 1598

; LENGTH: 445

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-658-824-1598

Query Match 1.4%; Score 17; DB 4; Length 445;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGAGC 766

Db 59 TCCTCATCCGGGAGAGC 75

RESULT 40

US-09-220-132-10

; Sequence 10, Application US/09220132

; Patent No. 6506607

; GENERAL INFORMATION:

; APPLICANT: Shyjan, Andrew W.

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE IDENTIFICATION AND ASSESSMENT

; FILE OF INVENTION: OF PROSTATE CANCER THERAPIES AND THE DIAGNOSIS OF PROSTATE CANCER

; FILE REFERENCE: 07334-074001

; CURRENT APPLICATION NUMBER: US/09/220,132

; CURRENT FILING DATE: 1998-12-23

; PRIOR APPLICATION NUMBER: US 60/079,303

; PRIOR FILING DATE: 1998-03-25

; PRIOR APPLICATION NUMBER: US 60/068,821

; PRIOR FILING DATE: 1997-12-24

; NUMBER OF SEQ ID NOS: 191

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 10

; LENGTH: 541

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION: (1)...(541)

; OTHER INFORMATION: n = A,T,C or G

US-09-220-132-10

Query Match 1.4%; Score 17; DB 4; Length 541;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGAGC 766

Db 395 TCCTCATCCGGGAGAGC 411

RESULT 41

US-09-621-976-1574

; Sequence 1574, Application US/09621976

; Patent No. 6639063

; GENERAL INFORMATION:

; APPLICANT: Dumas Milne Edwards, J.B.

; APPLICANT: Jobert, S.

; APPLICANT: Giordano, J.Y.

; TITLE OF INVENTION: ESTS and Encoded Human Proteins.

; FILE REFERENCE: GENSET.054PR2

; CURRENT APPLICATION NUMBER: US/09/621,976

; CURRENT FILING DATE: 2000-07-21

; NUMBER OF SEQ ID NOS: 19335

; SOFTWARE: Patent.pm

; SEQ ID NO 1574

; LENGTH: 566

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: CDS

; LOCATION: 176..439

; NAME/KEY: sig_peptide

; LOCATION: 176..247

; OTHER INFORMATION: Von Heijne matrix

; OTHER INFORMATION: score 6.09999990463257

; OTHER INFORMATION: seq AALVSLFAPAPPC/SI

; NAME/KEY: misc_feature

; LOCATION: 525

; OTHER INFORMATION: n=a, g, c or t

US-09-621-976-1574

Query Match 1.4%; Score 17; DB 4; Length 566;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1072 GTTTCTGAAGCTGCCA 1088

Db 505 GTTTCTGAAGCTGCCA 521

RESULT 42

US-09-328-352-1086/c

; Sequence 1086, Application US/09328352

; Patent No. 6562958

; GENERAL INFORMATION:

; APPLICANT: Gary L. Breton et al.

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER

; FILE OF INVENTION: BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS

; FILE REFERENCE: GTC99-03PA

; CURRENT APPLICATION NUMBER: US/09/328,352

; CURRENT FILING DATE: 1999-06-04

; NUMBER OF SEQ ID NOS: 8252

; SEQ ID NO 1086

; LENGTH: 627

; TYPE: DNA

; ORGANISM: Acinetobacter baumannii

US-09-328-352-1086

Query Match 1.4%; Score 17; DB 4; Length 627;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1075 TTCTGAAGCTGCCACAG 1091

Db 117 TTCTGAAGCTGCCACAG 101

RESULT 43

US-09-016-434-1255/c

; Sequence 1255, Application US/09016434

; Patent No. 6500936

; GENERAL INFORMATION:

; APPLICANT: Janice Au-Young

; APPLICANT: Jeffrey J. Seilhamer

; TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING

;; TITLE OF INVENTION: PATHWAY GENE EXPRESSION
;; NUMBER OF SEQUENCES: 1490
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
;; STREET: 3174 PORTER DRIVE
;; CITY: PALO ALTO
;; STATE: CALIFORNIA
;; COUNTRY: USA
;; ZIP: 94304
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/016,434
;; FILING DATE: HEREWITH
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Zeller, Karen J.
;; REGISTRATION NUMBER: 37,071
;; REFERENCE/DOCKET NUMBER: PA-0002 US
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (650) 855-0555
;; TELEFAX: (650) 845-4166
;; INFORMATION FOR SEQ ID NO: 1255:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 651 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; IMMEDIATE SOURCE:
;; LIBRARY: GENBANK
;; CLONE: g190878
;; US-09-016-434-1255

Query Match 1.4%; Score 17; DB 4; Length 651;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGAGC 766
Db 638 TCCTCATCCGGGAGAGC 622

RESULT 44
US-10-140-002-441/c
; Sequence 441, Application US/10140002
; Patent No. 6725730
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Deanovers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

;; FILE REFERENCE: P3330R1CS9
;; CURRENT APPLICATION NUMBER: US/10/140,002
;; CURRENT FILING DATE: 2002-05-06
;; Prior Application removed - See Palm or File Wrapper
;; NUMBER OF SEQ ID NOS: 550
;; SEQ ID NO 441
;; LENGTH: 654
;; TYPE: DNA
;; ORGANISM: Homo Sapien
;; US-10-140-002-441

Query Match 1.4%; Score 17; DB 4; Length 654;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 296 GTCCAGCCAGAGCATGC 312
Db 232 GTCCAGCCAGAGCATGC 216

RESULT 45
US-09-621-976-87
; Sequence 87, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 87
; LENGTH: 674
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 221..673
; NAME/KEY: sig_peptide
; LOCATION: 221..268
; OTHER INFORMATION: Von Heijne matrix
; OTHER INFORMATION: score 7.30000019073486
; OTHER INFORMATION: seq FLLLTCLFITGTS/VS
US-09-621-976-87

Query Match 1.4%; Score 17; DB 4; Length 674;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1139 TACATCAGCCTGAATGA 1155
Db 302 TACATCAGCCTGAATGA 318

RESULT 46
US-09-489-039A-5493
; Sequence 5493, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 5493
; LENGTH: 759

Query Match 1.4%; Score 17; DB 4; Length 894;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 106 AGAATCCCTAAGGACCA 122
Db 178 AGAATCCCTAAGGACCA 194

RESULT 49
US-09-634-238-89/c
; Sequence 89, Application US/09634238
; Patent No. 6544772
; GENERAL INFORMATION:
; APPLICANT: Glenn, Matthew
; APPLICANT: Havukkala, Ilkka J.
; APPLICANT: Bloksberg, Leonard, N.
; APPLICANT: Lubbers, Mark W.
; APPLICANT: Dekker, James
; APPLICANT: Christensson, Anna C.
; APPLICANT: Holland, Ross
; APPLICANT: O'Toole, Paul W.
; APPLICANT: Reid, Julian R.
; APPLICANT: Coolbear, Timothy
; TITLE OF INVENTION: Polynucleotides, materials incorporating
; TITLE OF INVENTION: them and methods for using them.
; FILE REFERENCE: 11000.1043U1
; CURRENT APPLICATION NUMBER: US/09/634,238
; CURRENT FILING DATE: 2000-08-08
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 89
; LENGTH: 941
; TYPE: DNA
; ORGANISM: Lactobacillus rhamnosus
US-09-634-238-89

Query Match 1.4%; Score 17; DB 4; Length 941;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 888 TCACCTTCCCTCACTC 904
Db 916 TCACCTTCCCTCACTC 900

RESULT 50
US-08-154-915-1
; Sequence 1, Application US/08154915
; Patent No. 5618669
; GENERAL INFORMATION:
; APPLICANT: Beach, David
; APPLICANT: Xiong, Yue
; TITLE OF INVENTION: Cyclin Complex Rearrangement and Uses
; TITLE OF INVENTION: Related Thereto
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII(text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/154,915
; FILING DATE: 19-NOV-1993
; CLASSIFICATION: 435

Query Match 1.4%; Score 17; DB 4; Length 759;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 542 GCCGAGCTGCTGCTGAG 558
Db 676 GCCGAGCTGCTGCTGAG 692

RESULT 47
US-09-434-354-1
; Sequence 1, Application US/09434354
; Patent No. 6562563
; GENERAL INFORMATION:
; APPLICANT: Murphy, Anne N.
; APPLICANT: Clevenger, William
; APPLICANT: Wiley, Sandra Eileen
; APPLICANT: Andreyev, Alexander Y.
; APPLICANT: Frigeri, Luciano G.
; APPLICANT: Velicelabi, Gonul
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
; TITLE OF INVENTION: INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
; TITLE OF INVENTION: IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
; FILE REFERENCE: 660088.433
; CURRENT APPLICATION NUMBER: US/09/434,354
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 894
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-434-354-1

Query Match 1.4%; Score 17; DB 4; Length 894;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 106 AGAATCCCTAAGGACCA 122
Db 178 AGAATCCCTAAGGACCA 194

RESULT 48
US-09-709-785-1
; Sequence 1, Application US/09709785
; Patent No. 6797467
; GENERAL INFORMATION:
; APPLICANT: Murphy, Anne N.
; APPLICANT: Clevenger, William
; APPLICANT: Wiley, Sandra Eileen
; APPLICANT: Andreyev, Alexander Y.
; APPLICANT: Frigeri, Luciano G.
; APPLICANT: Velicelabi, Gonul
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING
; TITLE OF INVENTION: INTERACTIONS OF MITOCHONDRIAL COMPONENTS, AND FOR
; TITLE OF INVENTION: IDENTIFYING AGENTS THAT ALTER SUCH INTERACTIONS
; FILE REFERENCE: 660088.433c1
; CURRENT APPLICATION NUMBER: US/09/709,785
; CURRENT FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 894
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-709-785-1

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/991,997
; FILING DATE: 17-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/963,308
; FILING DATE: 16-OCT-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/888,178
; FILING DATE: 26-MAY-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/701,514
; FILING DATE: 16-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: MII-026
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1089 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 13..888
US-08-154-915-1

Query Match 1.4%; Score 17; DB 1; Length 1089;
Best Local Similarity 100.0%; Pred.No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 CTGCCTACTCAAGGAGC 965
Db 168 CTGCCTACTCAAGGAGC 184

RESULT 51
US-08-464-517-37
; Sequence 37, Application US/08464517
; Patent No. 5869640
; GENERAL INFORMATION:
; APPLICANT: BEACH, David H.
; TITLE OF INVENTION: D-TYPE CYCLIN AND USES RELATED THERETO
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII(text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,517
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/963,308
; FILING DATE: 16-OCT-1992
; APPLICATION NUMBER: US 07/888,178
; FILING DATE: 26-MAY-1992
; APPLICATION NUMBER: US 07/701,514
; FILING DATE: 16-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent, Matthew P.
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: MII-004C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1089 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear

; NAME: Matthew P. Vincent
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: MII-004C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1089 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 13..888
US-08-464-517-37

Query Match 1.4%; Score 17; DB 2; Length 1089;
Best Local Similarity 100.0%; Pred.No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 CTGCCTACTCAAGGAGC 965
Db 168 CTGCCTACTCAAGGAGC 184

RESULT 52
US-08-246-361A-37
; Sequence 37, Application US/08246361A
; Patent No. 5998582
; GENERAL INFORMATION:
; APPLICANT: BEACH, David H.
; TITLE OF INVENTION: D-TYPE CYCLIN AND USES RELATED THERETO
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII(text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/246,361A
; FILING DATE: 19-MAY-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/963,308
; FILING DATE: 16-OCT-1992
; APPLICATION NUMBER: US 07/888,178
; FILING DATE: 26-MAY-1992
; APPLICATION NUMBER: US 07/701,514
; FILING DATE: 16-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Matthew P. Vincent
; REGISTRATION NUMBER: 36,709
; REFERENCE/DOCKET NUMBER: MII-004C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1089 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear

Mon Jan 3 11:32:11 2005

MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 13..888
US-08-246-361A-37

Query Match 1.4%; Score 17; DB 2; Length 1089;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 CTGCCTACTCAAGGAGC 965
Db 168 CTGCCTACTCAAGGAGC 184

RESULT 53
US-08-463-772-37
Sequence 37, Application US/08463772
Patent No. 6066501
GENERAL INFORMATION:
APPLICANT: BEACH, David H.
TITLE OF INVENTION: D-TYPE CYCLIN AND USES RELATED THERETO
NUMBER OF SEQUENCES: 50
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII(text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/463,772
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/963,308
FILING DATE: 16-OCT-1992
APPLICATION NUMBER: US 07/888,178
FILING DATE: 26-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/701,514
FILING DATE: 16-MAY-1991
ATTORNEY/AGENT INFORMATION:
NAME: Matthew P. Vincent
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: MII-004C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 1089 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 13..888
US-08-463-772-37

Query Match 1.4%; Score 17; DB 3; Length 1089;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 CTGCCTACTCAAGGAGC 965
Db 168 CTGCCTACTCAAGGAGC 184

RESULT 54
PCT-US93-09945-1
Sequence 1, Application PC/TUS9309945
GENERAL INFORMATION:
APPLICANT: Cyclin Complex Rearrangement and Uses Related
TITLE OF INVENTION: Theteto
NUMBER OF SEQUENCES: 4
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII(text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/09945
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/963,308
FILING DATE: 16-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/991,997
FILING DATE: 17-DEC-1992
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 1089 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 13..888
PCT-US93-09945-1

Query Match 1.4%; Score 17; DB 5; Length 1089;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 CTGCCTACTCAAGGAGC 965
Db 168 CTGCCTACTCAAGGAGC 184

RESULT 55
US-09-354-221-5/c
Sequence 5, Application US/09354221
Patent No. 6699714
GENERAL INFORMATION:
APPLICANT: Chang, Chawshang
TITLE OF INVENTION: Androgen Receptor Coactivators
FILE REFERENCE: 920920.90011
CURRENT APPLICATION NUMBER: US/09/354,221
CURRENT FILING DATE: 1999-07-15
EARLIER APPLICATION NUMBER: US 60/100,243
EARLIER FILING DATE: 1998-09-14
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
LENGTH: 1566
TYPE: DNA
ORGANISM: Homo sapien
FEATURE:
NAME/KEY: CDS
LOCATION: (25)..(675)
FEATURE:
NAME/KEY: 3'UTR
LOCATION: (676)..(1566)
FEATURE:
NAME/KEY: 5'UTR
LOCATION: (1)..(24)
US-09-354-221-5

Query Match 1.4%; Score 17; DB 4; Length 1566;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGAC 766
Db 662 TCCTCATCCGGGAGAC 646

RESULT 56
US-09-566-921-66
; Sequence 66, Application US/09566921
; Patent No. 6682888
; GENERAL INFORMATION:
; APPLICANT: Loring, Jeanne F.
; APPLICANT: Tingley, Deborah W.
; APPLICANT: Edwards, Carla M.
; TITLE OF INVENTION: GENES EXPRESSED IN ALZHEIMER'S DISEASE
; FILE REFERENCE: PA-0024 US
; CURRENT APPLICATION NUMBER: US/09/566,921
; CURRENT FILING DATE: 2000-05-05
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PERL Program
; SEQ ID NO 66
; LENGTH: 1747
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc. feature
; OTHER INFORMATION: Incyte ID No. 6682888 244561.6
US-09-566-921-66

Query Match 1.4%; Score 17; DB 4; Length 1747;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 106 AGAATCCCTTAAGGAGCA 122
Db 303 AGAATCCCTTAAGGAGCA 319

RESULT 57
US-08-765-889C-1
; Sequence 1, Application US/08765889C
; Patent No. 6136572
; GENERAL INFORMATION:
; APPLICANT: BENATTI, Luca
; APPLICANT: BRETON, Jerome
; APPLICANT: SPECIALE, Carmela
; APPLICANT: OKUNO, Etsuo
; APPLICANT: SCHWARCZ, Robert
; APPLICANT: MOSCA, Monica
; TITLE OF INVENTION: RECOMBINANT KAT ENZYME AND
; TITLE OF INVENTION: PROCESS FOR ITS PREPARATION
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS
; STREET: 2100 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765.889C
; FILING DATE: 23-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:
; FILING DATE:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 293-7060
; TELEFAX: (202) 293-7860
; TELEX: 6491103
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1748 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-765-889C-1

Query Match 1.4%; Score 17; DB 3; Length 1748;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 903 TCCAGGCCCTGGTGAC 919
Db 345 TCCAGGCCCTGGTGAC 361

RESULT 58
PCT-US95-07855-1
; Sequence 1, Application PC/TUS9507855
; GENERAL INFORMATION:
; APPLICANT: BENATTI, Luca
; APPLICANT: BRETON, Jerome
; APPLICANT: SPECIALE, Carmela
; APPLICANT: OKUNO, Etsuo
; APPLICANT: SCHWARCZ, Robert
; APPLICANT: MOSCA, Monica
; TITLE OF INVENTION: RECOMBINANT KAT ENZYME AND
; TITLE OF INVENTION: PROCESS FOR ITS PREPARATION
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS
; STREET: 2100 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07855
; FILING DATE: 23-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 293-7060
; TELEFAX: (202) 293-7860
; TELEX: 6491103
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1748 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
PCT-US95-07855-1

Query Match 1.4%; Score 17; DB 5; Length 1748;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
; Sequence 6727, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 6727
; LENGTH: 2118
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-6727

Query Match          1.4%; Score 17; DB 4; Length 2118;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      692 CTGAGCAGGGAGAAAGC 708
DB      642 CTGAGCAGGGAGAAAGC 626

RESULT 62
US-08-755-559-2/c
; Sequence 2, Application US/08755559
; Patent No. 5912142
; GENERAL INFORMATION:
; APPLICANT: KAUFMAN, RUSSEL E.
; APPLICANT: SLENTZ-KESLER, KIMBERLY
; TITLE OF INVENTION: GENE PRODUCT OVER EXPRESSED IN CANCER
; TITLE OF INVENTION: CELLS
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/755,559
; FILING DATE: 22-NOV-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: WILSON, MARY J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 1579-116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2180 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-755-559-2

Query Match          1.4%; Score 17; DB 2; Length 2180;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;

QY      272 GAAGGGCCCCCAAGCC 288
DB      1336 GAAGGGCCCCCAAGCC 1320

RESULT 61
US-09-252-991A-6727/c
; Sequence 3, Application US/09997165
; Patent No. 6762030
; GENERAL INFORMATION:
; APPLICANT: Lyman, Stewart D.
; APPLICANT: Fanslow, William C.
; TITLE OF INVENTION: LIGAND FOR CD7 AND METHODS OF USE THEREOF
; FILE REFERENCE: 2913-US
; CURRENT APPLICATION NUMBER: US/09/997,165
; CURRENT FILING DATE: 2001-11-27
; PRIOR APPLICATION NUMBER: PCT/US00/14612
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/136,450
; PRIOR FILING DATE: 1999-03-28
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 2000
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (119)..(865)
US-09-997-165-3

Query Match          1.4%; Score 17; DB 4; Length 2000;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      272 GAAGGGCCCCCAAGCC 288
DB      1336 GAAGGGCCCCCAAGCC 1320

RESULT 60
US-09-997-165-3/c
; Sequence 3, Application US/09997165
; Patent No. 6762030
; GENERAL INFORMATION:
; APPLICANT: Lyman, Stewart D.
; APPLICANT: Fanslow, William C.
; TITLE OF INVENTION: LIGAND FOR CD7 AND METHODS OF USE THEREOF
; FILE REFERENCE: 2913-US
; CURRENT APPLICATION NUMBER: US/09/997,165
; CURRENT FILING DATE: 2001-11-27
; PRIOR APPLICATION NUMBER: PCT/US00/14612
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/136,450
; PRIOR FILING DATE: 1999-03-28
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 2000
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (119)..(865)
US-09-997-165-3

Query Match          1.4%; Score 17; DB 4; Length 1953;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      692 CTGAGCAGGGAGAAAGC 708
DB      371 CTGAGCAGGGAGAAAGC 387

RESULT 59
US-09-252-991A-6975
; Sequence 6975, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 6975
; LENGTH: 1953
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-6975

Query Match          1.4%; Score 17; DB 4; Length 1953;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      692 CTGAGCAGGGAGAAAGC 708
DB      371 CTGAGCAGGGAGAAAGC 387
```

; ADDRESSEE: NIXON & VANDERHYE P.C.

us-09-939-853a-74.olig.rni

Mon Jan 3 11:32:11 2005

```

; LOCATION: (2283)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: SITE
; LOCATION: (2301)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: SITE
; LOCATION: (2306)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: SITE
; LOCATION: (2315)
; OTHER INFORMATION: n equals a,t,g, or c
US-10-067-422-4

Query Match
Best Local Similarity 1.4%; Score 17; DB 4; Length 2315;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1139 TACATCAGCCTGAATGA 1155
Db 197 TACATCAGCCTGAATGA 213

RESULT 66
US-09-373-157-5
; Sequence 5, Application US/09373157
; Patent No. 6416963
; GENERAL INFORMATION:
; APPLICANT: Grieninger, Gerd
; APPLICANT: Applegate, Dianne
; APPLICANT: Stoike-Steben, Lara
; TITLE OF INVENTION: NOVEL CLEAVED FRAGMENTS OF FIBRINOGEN
; FILE REFERENCE: Sequence ID No. 6416963. 1-7 for 454-24
; Patent No. 6416963
; CURRENT APPLICATION NUMBER: US/09/373,157
; CURRENT FILING DATE: 1999-08-12
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 2648
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-373-157-5

Query Match
Best Local Similarity 1.4%; Score 17; DB 4; Length 2648;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1144 CAGCCTGAATGACGAGG 1160
Db 2138 CAGCCTGAATGACGAGG 2154

RESULT 67
US-09-566-921-3/c
; Sequence 3, Application US/09566921
; Patent No. 6682888
; GENERAL INFORMATION:
; APPLICANT: Loring, Jeanne P.
; APPLICANT: Tingley, Debora W.
; APPLICANT: Edwards, Carla M.
; TITLE OF INVENTION: GENES EXPRESSED IN ALZHEIMER'S DISEASE
; FILE REFERENCE: PA-0024 US
; CURRENT APPLICATION NUMBER: US/09/566,921
; CURRENT FILING DATE: 2000-05-05
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PERL Program
; SEQ ID NO 3
; LENGTH: 2666
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6682888 232838.13

US-09-566-921-3
Query Match
Best Local Similarity 1.4%; Score 17; DB 4; Length 2666;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 750 TCCTCATCCGGGAGGC 766
Db 902 TCCTCATCCGGGAGGC 886

RESULT 68
US-09-252-991A-6767/c
; Sequence 6767, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 6767
; LENGTH: 2856
; TYPE: DNA
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-6767

Query Match
Best Local Similarity 1.4%; Score 17; DB 4; Length 2856;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 692 CTGAGCAGGAGGAAAGC 708
Db 1394 CTGAGCAGGAGGAAAGC 1378

RESULT 69
US-09-179-558-54
; Sequence 54, Application US/09179558
; Patent No. 6180612
; GENERAL INFORMATION:
; APPLICANT: Hockensmith, Joel W.
; APPLICANT: Muthuswami, Rohini
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TARGETING DNA METABOLIC PROCESSES USING
; TITLE OF INVENTION: AMINOGLYCOSIDE DERIVATIVES
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/179,558
; FILING DATE: 27-OCT-1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: U.S. 09/060,470
; FILING DATE: 15-APR-1998
; PRIOR APPLICATION DATA:
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APPLICATION NUMBER: U.S. 60/063,898
FILING DATE: 31-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 9426-005-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)7909090
TELEFAX: (212)8699741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 2874 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: Other
US-09-179-558-54

Query Match 1.4%; Score 17; DB 3; Length 2874;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 404 AGTCTGCCCAGCAAG 420
Db 781 AGTCTGCCCAGCAAG 797

RESULT 70
US-09-722-825-54
Sequence 54, Application US/09722825
Patent No. 6531306
GENERAL INFORMATION:
APPLICANT: Hockensmith, Joel W.
Muthuswami, Rohini
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TARGETING DNA METABOLIC PROCESSES USING
AMINOGLYCOSIDE DERIVATIVES
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/722,825
FILING DATE: 28-No. 6531306-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/179,558
FILING DATE: <Unknown>
APPLICATION NUMBER: U.S. 60/063,898
FILING DATE: 31-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 9426-005-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)7909090
TELEFAX: (212)8699741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 2874 base pairs
TYPE: nucleic acid
STRANDEDNESS: double

TOPOLOGY: linear
MOLECULE TYPE: Other
SEQUENCE DESCRIPTION: SEQ ID NO: 54:
US-09-722-825-54

Query Match 1.4%; Score 17; DB 4; Length 2874;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 404 AGTCTGCCCAGCAAG 420
Db 781 AGTCTGCCCAGCAAG 797

RESULT 71
US-09-722-487-54
Sequence 54, Application US/09722487
Patent No. 6537791
GENERAL INFORMATION:
APPLICANT: Hockensmith, Joel W.
Muthuswami, Rohini
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TARGETING DNA METABOLIC PROCESSES USING
AMINOGLYCOSIDE DERIVATIVES
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/722,487
FILING DATE: 28-No. 6537791-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/179,558
FILING DATE: <Unknown>
APPLICATION NUMBER: U.S. 60/063,898
FILING DATE: 31-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 9426-005-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)7909090
TELEFAX: (212)8699741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 2874 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: Other
SEQUENCE DESCRIPTION: SEQ ID NO: 54:
US-09-722-487-54

Query Match 1.4%; Score 17; DB 4; Length 2874;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 404 AGTCTGCCCAGCAAG 420
Db 781 AGTCTGCCCAGCAAG 797

Mon Jan 3 11:32:11 2005

us-09-939-853a-74.olig.rni

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RESULT 72
US-09-722-708-54
; Sequence 54, Application US/09722708
; Patent No. 6573060
; GENERAL INFORMATION:
; APPLICANT: Hockensmith, Joel W.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TARGETING DNA METABOLIC PROCESSES USING
; AMINOGLYCOSIDE DERIVATIVES
;
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/722,708
; FILING DATE: 28-No. 6573060-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/179,558
; FILING DATE: <Unknown>
; APPLICATION NUMBER: U.S. 60/063,898
; FILING DATE: 31-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 9426-005-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; TELE: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 54:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2874 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; SEQUENCE DESCRIPTION: SEQ ID NO: 54:
US-09-722-708-54
Query Match 1.4%; Score 17; DB 4; Length 2874;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 404 AGCTGCCCCAGCAGAG 420
DB 781 AGTCTGCCAGCAGAG 797

RESULT 73
US-09-179-558-61
; Sequence 61, Application US/09179558
; Patent No. 6180612
; GENERAL INFORMATION:
; APPLICANT: Hockensmith, Joel W.
; APPLICANT: Muthuswami, Rohini
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TARGETING DNA METABOLIC PROCESSES USING
; AMINOGLYCOSIDE DERIVATIVES
;
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/722,708
; FILING DATE: 28-No. 6573060-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/179,558
; FILING DATE: <Unknown>
; APPLICATION NUMBER: U.S. 60/063,898
; FILING DATE: 31-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 9426-005-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; TELE: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 54:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2874 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; SEQUENCE DESCRIPTION: SEQ ID NO: 54:
US-09-722-708-54
Query Match 1.4%; Score 17; DB 4; Length 2874;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 404 AGCTGCCCCAGCAGAG 420
DB 781 AGTCTGCCAGCAGAG 797

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; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/179,558
; FILING DATE: 27-OCT-1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. 09/060,470
; FILING DATE: 15-APR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. 60/063,898
; FILING DATE: 31-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 9426-005-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; TELE: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3059 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; US-09-179-558-61
Query Match 1.4%; Score 17; DB 3; Length 3059;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 404 AGTCTGCCAGCAGAG 420
DB 966 AGTCTGCCAGCAGAG 982

RESULT 74
US-09-722-825-61
; Sequence 61, Application US/09722825
; Patent No. 6531306
; GENERAL INFORMATION:
; APPLICANT: Hockensmith, Joel W.
; APPLICANT: Muthuswami, Rohini
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TARGETING DNA METABOLIC PROCESSES USING
; AMINOGLYCOSIDE DERIVATIVES
;
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/722,825
; FILING DATE: 28-No. 6531306-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:

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;
; APPLICATION NUMBER: 09/179,558
; FILING DATE: <Unknown>
; APPLICATION NUMBER: U.S. 60/063,898
; FILING DATE: 31-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 9426-005-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3059 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-09-722-825-61

Query Match
Best Local Similarity 100.0%; Score 17; DB 4; Length 3059;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 404 AGTCTGCCCGACGAGAAG 420
Db 966 AGTCTGCCCGACGAGAAG 982

RESULT 75
US-09-722-487-61
; Sequence 61, Application US/09722487
; Patent No. 6537791
; GENERAL INFORMATION:
; APPLICANT: Hockensmith, Joel W.
; Muthuswami, Rohini
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TARGETING DNA METABOLIC PROCESSES USING
; AMINOGLYCOSIDE DERIVATIVES
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/722,487
; FILING DATE: 28-NO. 6537791-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/179,558
; FILING DATE: <Unknown>
; APPLICATION NUMBER: U.S. 60/063,898
; FILING DATE: 31-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 9426-005-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3059 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-09-722-825-61
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;
; LENGTH: 3059 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-09-722-487-61

Query Match
Best Local Similarity 100.0%; Score 17; DB 4; Length 3059;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 404 AGTCTGCCCGACGAGAAG 420
Db 966 AGTCTGCCCGACGAGAAG 982

RESULT 76
US-09-722-708-61
; Sequence 61, Application US/09722708
; Patent No. 6573060
; GENERAL INFORMATION:
; APPLICANT: Hockensmith, Joel W.
; Muthuswami, Rohini
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TARGETING DNA METABOLIC PROCESSES USING
; AMINOGLYCOSIDE DERIVATIVES
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/722,708
; FILING DATE: 28-NO. 6573060-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/179,558
; FILING DATE: <Unknown>
; APPLICATION NUMBER: U.S. 60/063,898
; FILING DATE: 31-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 9426-005-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 3059 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; SEQUENCE DESCRIPTION: SEQ ID NO: 61:
US-09-722-708-61

Query Match
Best Local Similarity 100.0%; Score 17; DB 4; Length 3059;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 404 AGTCTGCCCGACGAGAAG 420
Db 966 AGTCTGCCCGACGAGAAG 982
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; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn Ver. 2.0

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; SEQ ID NO 1
; LENGTH: 8802
; TYPE: DNA
; ORGANISM: Canis familiaris
US-09-132-652-1

Query Match          1.4%; Score 17; DB 3; Length 8802;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 136 CCATCCCTGGGTGACAA 152
Db 6815 CCATCCCTGGGTGACAA 6831

RESULT 80
US-09-886-900A-1
; Sequence 1, Application US/09886900A
; Patent No. 6767707
; GENERAL INFORMATION:
; APPLICANT: Venta, Patrick J.
; APPLICANT: Brewer, George J.
; APPLICANT: Vilma, Yuzbasiyan-Gurkan
; APPLICANT: Schall, William D.
; TITLE OF INVENTION: DNA ENCODING CANINE VON WILLEBRAND FACTOR AND METHODS
; FILE REFERENCE: OF USE
; FILE REFERENCE: UMW-1226CPPCUS
; CURRENT APPLICATION NUMBER: US/09/886,900A
; CURRENT FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: US/09/662,478C
; PRIOR FILING DATE: 2000-09-15
; PRIOR FILING DATE: 1998-08-11
; PRIOR FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1
; LENGTH: 8802
; TYPE: DNA
; ORGANISM: Canis familiaris
US-09-886-900A-1

Query Match          1.4%; Score 17; DB 4; Length 8802;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 136 CCATCCCTGGGTGACAA 152
Db 6815 CCATCCCTGGGTGACAA 6831

RESULT 81
US-09-662-478C-1
; Sequence 1, Application US/09662478C
; Patent No. 6780583
; GENERAL INFORMATION:
; APPLICANT: Venta, Patrick J.
; APPLICANT: Brewer, George J.
; APPLICANT: Vilma, Yuzbasiyan-Gurkan
; APPLICANT: Schall, William D.
; TITLE OF INVENTION: DNA ENCODING CANINE VON WILLEBRAND FACTOR AND METHODS
; FILE REFERENCE: UMW-1226CPPCUS
; CURRENT APPLICATION NUMBER: US/09/662,478C
; CURRENT FILING DATE: 2000-09-15
; PRIOR FILING DATE: 1998-08-11
; PRIOR FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1
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; LENGTH: 8802
; TYPE: DNA
; ORGANISM: Canis familiaris
US-09-662-478C-1

Query Match          1.4%; Score 17; DB 4; Length 8802;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 136 CCATCCCTGGGTGACAA 152
Db 6815 CCATCCCTGGGTGACAA 6831

RESULT 82
US-09-534-638-1/c
; Sequence 1, Application US/09534638
; Patent No. 6320038
; GENERAL INFORMATION:
; APPLICANT: Panula, Pertti A.J.
; APPLICANT: Brandt, Annika
; APPLICANT: Westerlund, Johanna
; TITLE OF INVENTION: Promoter for Neuropeptide FF Promoter and use thereof
; TITLE OF INVENTION: for therapy and diagnosis
; FILE REFERENCE: 2530-104
; CURRENT APPLICATION NUMBER: US/09/534,638
; CURRENT FILING DATE: 2000-03-27
; EARLIER APPLICATION NUMBER: 09/365755
; EARLIER FILING DATE: 1999-08-03
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 1
; LENGTH: 9840
; TYPE: DNA
; ORGANISM: Mouse
US-09-534-638-1

Query Match          1.4%; Score 17; DB 3; Length 9840;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 376 CTGAGTGTCTGTCTGAG 392
Db 1838 CTGAGTGTCTGTCTGAG 1822

RESULT 83
US-09-798-743-5/c
; Sequence 5, Application US/09798743
; Patent No. 6790831
; GENERAL INFORMATION:
; APPLICANT: Nezu, Jun-Ichi
; APPLICANT: Ose, Asuka
; TITLE OF INVENTION: SYSTEMIC CARNITINE DEFICIENCY GENE AND USES THEREOF
; FILE REFERENCE: 06501-073001
; CURRENT APPLICATION NUMBER: US/09/798,743
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: PCT/JP99/04853
; PRIOR FILING DATE: 1999-09-07
; PRIOR APPLICATION NUMBER: JP 10-252683
; PRIOR FILING DATE: 1998-09-07
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 5
; LENGTH: 25871
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: exon
; LOCATION: (1)...(614)
; NAME/KEY: intron
; LOCATION: (615)..(8636)
; NAME/KEY: exon
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Mon Jan 3 11:32:11 2005

us-09-939-853a-74.olig.rni

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LOCATION: (8637)..(8740)
NAME/KEY: intron
LOCATION: (8741)..(14409)
NAME/KEY: exon
LOCATION: (14410)..(14564)
NAME/KEY: intron
LOCATION: (14565)..(15590)
NAME/KEY: exon
LOCATION: (15591)..(15762)
NAME/KEY: intron
LOCATION: (15763)..(17282)
NAME/KEY: exon
LOCATION: (17283)..(17409)
NAME/KEY: intron
LOCATION: (17410)..(19178)
NAME/KEY: exon
LOCATION: (19179)..(19279)
NAME/KEY: intron
LOCATION: (19280)..(20947)
NAME/KEY: exon
LOCATION: (20948)..(21162)
NAME/KEY: intron
LOCATION: (21163)..(22690)
NAME/KEY: exon
LOCATION: (22691)..(22873)
NAME/KEY: intron
LOCATION: (22874)..(23934)
NAME/KEY: exon
LOCATION: (23935)..(24070)
NAME/KEY: intron
LOCATION: (24071)..(24443)
NAME/KEY: exon
LOCATION: (24444)..(25871)
US-09-798-743-5

Query Match 1.4%; Score 17; DB 4; Length 25871;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 50 AGGGCCCTGGGCTTCC 66
|||||
Db 11719 AGGGCCCTGGGCTTCC 11703

RESULT 84
US-10-327-189-41/c
Sequence 41, Application US/10327189
Patent No. 6731505
GENERAL INFORMATION:
APPLICANT: Peltekova, Vanya D
APPLICANT: Wintle, Richard F
APPLICANT: Rubin, Laurence A
APPLICANT: Peter, St George-Hyslop H
APPLICANT: Siminovich, Katherine A
TITLE OF INVENTION: POLYMORPHISMS OF THE OCTN1 AND OCTN2 CATION TRANSPORTERS ASSOCIATED WITH INFLAMMATORY BOWEL DISORDERS
FILE REFERENCE: ELLP-020
CURRENT APPLICATION NUMBER: US/10/327,189
CURRENT FILING DATE: 2002-12-20
PRIOR APPLICATION NUMBER: 60/362,700
PRIOR FILING DATE: 2002-03-08
PRIOR APPLICATION NUMBER: 60/343,338
PRIOR FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/427,529
PRIOR FILING DATE: 2002-11-19
PRIOR APPLICATION NUMBER: 60/362,717
PRIOR FILING DATE: 2002-03-08
NUMBER OF SEQ ID NOS: 42
SOFTWARE: PatentIn version 3.1
SEQ ID NO 41
LENGTH: 26850
TYPE: DNA
ORGANISM: Homo sapiens
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FEATURE:
NAME/KEY: misc feature
LOCATION: (49)..(49)
OTHER INFORMATION: n at 49 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (134)..(134)
OTHER INFORMATION: n at 134 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (546)..(546)
OTHER INFORMATION: n at 546 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (877)..(877)
OTHER INFORMATION: n at 877 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (1338)..(1338)
OTHER INFORMATION: n at 1338 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (1985)..(1985)
OTHER INFORMATION: n at 1985 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (2124)..(2124)
OTHER INFORMATION: n at 2124 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (2307)..(2307)
OTHER INFORMATION: n at 2307 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3115)..(3115)
OTHER INFORMATION: n at 3115 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3159)..(3159)
OTHER INFORMATION: n at 3159 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3191)..(3191)
OTHER INFORMATION: n at 3191 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3282)..(3282)
OTHER INFORMATION: n at 3282 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3661)..(3661)
OTHER INFORMATION: n at 3661 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3748)..(3748)
OTHER INFORMATION: n at 3748 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3797)..(3797)
OTHER INFORMATION: n at 3797 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (3905)..(3905)
OTHER INFORMATION: n at 3905 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (4260)..(4260)
OTHER INFORMATION: n at 4260 can be a or g or c or t
FEATURE:
NAME/KEY: misc feature
LOCATION: (4903)..(4903)
OTHER INFORMATION: n at 4903 can be a or g or c or t
FEATURE:
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NAME/KEY: misc_feature
LOCATION: (5971)..(5971)
OTHER INFORMATION: n at 5971 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6111)..(6111)
OTHER INFORMATION: n at 6111 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6148)..(6148)
OTHER INFORMATION: n at 6148 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6400)..(6400)
OTHER INFORMATION: n at 6400 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6468)..(6468)
OTHER INFORMATION: n at 6468 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (6575)..(6575)
OTHER INFORMATION: n at 6575 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (7287)..(7287)
OTHER INFORMATION: n at 7287 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (8495)..(8495)
OTHER INFORMATION: n at 8495 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9918)..(9918)
OTHER INFORMATION: n at 9918 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9924)..(9924)
OTHER INFORMATION: n at 9924 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (9947)..(9947)
OTHER INFORMATION: n at 9947 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10143)..(10143)
OTHER INFORMATION: n at 10143 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10357)..(10357)
OTHER INFORMATION: n at 10357 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10379)..(10379)
OTHER INFORMATION: n at 10379 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10384)..(10384)
OTHER INFORMATION: n at 10384 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10580)..(10580)
OTHER INFORMATION: n at 10580 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10717)..(10717)
OTHER INFORMATION: n at 10717 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature

LOCATION: (10718)..(10718)
OTHER INFORMATION: n at 10718 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10719)..(10719)
OTHER INFORMATION: n at 10719 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (10781)..(10781)
OTHER INFORMATION: n at 10781 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11111)..(11111)
OTHER INFORMATION: n at 11111 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11150)..(11150)
OTHER INFORMATION: n at 11150 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11211)..(11211)
OTHER INFORMATION: n at 11211 can be a or g or c or t
FEATURE:
NAME/KEY: misc_feature
LOCATION: (11383)..(11383)
OTHER INFORMATION: n at 11383 can be a or g or c or t
FEATURE:

Query Match 1.4%; Score 17; DB 4; Length 26850;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 50 AGGCGCTGGCGCTTCC 66
|||||
Db 13521 AGGCGCTGGCGCTTCC 13505

RESULT 85

US-09-453-702B-62
Sequence 62, Application US/09453702B
Patent No. 6365723
GENERAL INFORMATION:
APPLICANT: Blattner, Frederick R.
Burland, Valerie
Perna, Nicole T.
plunkett, Guy
Welch, Rod
TITLE OF INVENTION: NO. 6365723el Sequences of E. coli O157
NUMBER OF SEQUENCES: 265
CORRESPONDENCE ADDRESS:
ADDRESSEE: Quarles & Brady
STREET: 1 South Pinckney Street
CITY: Madison
STATE: WI
COUNTRY: US
ZIP: 53701-2113
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/453,702B
FILING DATE: 03-Dec-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/110,955
FILING DATE: 04-DEC-1998
ATTORNEY/AGENT INFORMATION:
NAME: Seay, Nicholas J.
REGISTRATION NUMBER: 27386
REFERENCE/DOCKET NUMBER: 960296.95017
TELECOMMUNICATION INFORMATION:

```

; TELEPHONE: (608) 251-5000
; TELEFAX: (608) 251-9166
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 61663
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 62:
US-09-453-702B-62

Query Match          1.4%; Score 17; DB 3; Length 61663;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATTACTCTGAGCTGGCG 937
Db 49896 ATTACTCTGAGCTGGCG 49912

RESULT 86
US-09-103-840A-2
; Sequence 2, Application US/09103840A
; Patent No. 6294328
; GENERAL INFORMATION:
; APPLICANT: FLEISCHMAN, Robert D.
; APPLICANT: WHITE, Owen R.
; APPLICANT: FRASER, Claire M.
; APPLICANT: VENTER, John C.
; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
; FILE REFERENCE: 24366-20007.00
; CURRENT APPLICATION NUMBER: US/09/103,840A
; CURRENT FILING DATE: 1998-06-24
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2 4403765
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; FEATURE:
; OTHER INFORMATION: "n" bases at various positions throughout the sequence
; OTHER INFORMATION: represent a, t, c or g
US-09-103-840A-2

Query Match          1.4%; Score 17; DB 3; Length 4403765;
Best Local Similarity 100.0%; Pred. No. 96;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 567 AGCCATTGACCATGTC 583
Db 155 AGCCATTGACCATGTC 171

RESULT 87
US-09-103-840A-1
; Sequence 1, Application US/09103840A
; Patent No. 6294328
; GENERAL INFORMATION:
; APPLICANT: FLEISCHMAN, Robert D.
; APPLICANT: WHITE, Owen R.
; APPLICANT: FRASER, Claire M.
; APPLICANT: VENTER, John C.
; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
; FILE REFERENCE: 24366-20007.00
; CURRENT APPLICATION NUMBER: US/09/103,840A
; CURRENT FILING DATE: 1998-06-24
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1

; TELEPHONE: (608) 251-5000
; TELEFAX: (608) 251-9166
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 61663
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 62:
US-09-453-702B-62

Query Match          1.4%; Score 17; DB 3; Length 61663;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 ATTACTCTGAGCTGGCG 937
Db 49896 ATTACTCTGAGCTGGCG 49912

RESULT 86
US-09-103-840A-2
; Sequence 2, Application US/09103840A
; Patent No. 6294328
; GENERAL INFORMATION:
; APPLICANT: FLEISCHMAN, Robert D.
; APPLICANT: WHITE, Owen R.
; APPLICANT: FRASER, Claire M.
; APPLICANT: VENTER, John C.
; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
; FILE REFERENCE: 24366-20007.00
; CURRENT APPLICATION NUMBER: US/09/103,840A
; CURRENT FILING DATE: 1998-06-24
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2 4403765
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; FEATURE:
; OTHER INFORMATION: "n" bases at various positions throughout the sequence
; OTHER INFORMATION: represent a, t, c or g
US-09-103-840A-2

Query Match          1.4%; Score 17; DB 3; Length 4403765;
Best Local Similarity 100.0%; Pred. No. 96;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 567 AGCCATTGACCATGTC 583
Db 155 AGCCATTGACCATGTC 171

RESULT 87
US-09-103-840A-1
; Sequence 1, Application US/09103840A
; Patent No. 6294328
; GENERAL INFORMATION:
; APPLICANT: FLEISCHMAN, Robert D.
; APPLICANT: WHITE, Owen R.
; APPLICANT: FRASER, Claire M.
; APPLICANT: VENTER, John C.
; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
; FILE REFERENCE: 24366-20007.00
; CURRENT APPLICATION NUMBER: US/09/103,840A
; CURRENT FILING DATE: 1998-06-24
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1

; LENGTH: 4411529
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; OTHER INFORMATION: H37Rv
US-09-103-840A-1

Query Match          1.4%; Score 17; DB 3; Length 4411529;
Best Local Similarity 100.0%; Pred. No. 96;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 567 AGCCATTGACCATGTC 583
Db 155 AGCCATTGACCATGTC 171

RESULT 88
US-09-404-417A-8/c
; Sequence 8, Application US/09404417A
; Patent No. 6627729
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Deisher, Theresa A.
; APPLICANT: Jaspers, Stephen R.
; TITLE OF INVENTION: TML PEPTIDES
; FILE REFERENCE: 97-04C1
; CURRENT APPLICATION NUMBER: US/09/404,417A
; CURRENT FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: OLIGONUCLEOTIDE
US-09-404-417A-8

Query Match          1.4%; Score 16; DB 4; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 296 GTCCAGCCAGAGCATG 311
Db 16 GTCCAGCCAGAGCATG 1

RESULT 89
US-09-270-767-25406
; Sequence 25406, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25406
; LENGTH: 219
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-25406

Query Match          1.4%; Score 16; DB 4; Length 219;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 389 TGAGGAACAATGGGAA 404
Db 168 TGAGGAACAATGGGAA 183

RESULT 89
US-09-270-767-25406
; Sequence 25406, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25406
; LENGTH: 219
; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-25406

Query Match          1.4%; Score 16; DB 4; Length 219;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 389 TGAGGAACAATGGGAA 404
Db 168 TGAGGAACAATGGGAA 183
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RESULT 90

US-09-270-767-30555
; Sequence 30555, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: Patencin Ver. 2.0
; SEQ ID NO 30555
; LENGTH: 227
; TYPE: DNA
; ORGANISM: *Drosophila melanogaster*
US-09-270-767-30555

Query Match 1.4%; Score 16; DB 4; Length 227;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 389 TGAGGAACAATGGGAA 404

Db 168 TGAGGAACAATGGGAA 183

RESULT 91

US-09-602-877A-93
; Sequence 93, Application US/09602877A
; Patent No. 6432707
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Dillon, Davin C.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.446CS
; CURRENT APPLICATION NUMBER: US/09/602,877A
; CURRENT FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 93
; LENGTH: 251
; TYPE: DNA
; ORGANISM: *Homo sapien*
US-09-602-877A-93

Query Match 1.4%; Score 16; DB 4; Length 251;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 24 GCCTGTGTCTCTGTGA 39

Db 92 GCCTGTGTCTCTGTGA 107

RESULT 92

US-09-071-710-9/c
; Sequence 9, Application US/09071710
; Patent No. 6130043
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.

; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; APPLICATION NUMBER: US/09/071,710
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA: 08/850,713
; FILING DATE: 02-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6083.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 255 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-710-9

Query Match 1.4%; Score 16; DB 3; Length 255;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 24 GCCTGTGTCTCTGTGA 39

Db 141 GCCTGTGTCTCTGTGA 126

RESULT 93

US-09-525-397-9/c
; Sequence 9, Application US/09525397
; Patent No. 6252047
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL

COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/525,397
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/071,710
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 6083.US.PI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX:
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 265 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-525-397-9

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Query Match      1.4%; Score 16; DB 3; Length 265;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      24  GCCTGTGTCCTCTGGA  39
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RESULT 94
US-09-621-976-16442
; Sequence 16442, Application US/09621976
; Patent NO. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 16442
; LENGTH: 278
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
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; OTHER INFORMATION: n=a, g, c or t
US-09-621-976-16442

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RESULT 95

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US-09-313-294A-3534/C
; Sequence 3534, Application US/09313294A
; Patent No. 6476212
; GENERAL INFORMATION:
; APPLICANT: Lalgudi, Raghunath V.
; APPLICANT: Ito, Laura Y.
; APPLICANT: Sherman, Bradley K.
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
; FILE REFERENCE: PL-0017 US
; CURRENT APPLICATION NUMBER: US/09/313,294A
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 7600
; SOFTWARE: PERL Program
; SEQ ID NO 3534
; LENGTH: 283
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. 6476212 700611809H1
US-09-313-294A-3534

Query Match      1.4%;      Score 16;  DB 4;  Length 283;
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RESULT 96
US-09-513-999C-20413
; Sequence 20413, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59, US2, REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
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; LENGTH: 283
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
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; NAME/KEY: misc_feature
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RESULT 97
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; Sequence 10, Application US/09071710
; Patent No. 6130043
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KRATOVIL, JON D.
; APPLICANT: KLAS, MICHAEL R.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; FOR DETECTING DISEASES OF THE PROSTATE
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071.710
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/850.713
; FILING DATE: 02-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6083.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 288 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: base_polymorphism
; LOCATION: 147
; OTHER INFORMATION: /note= " N' represents an A or G or
; OTHER INFORMATION: T or C polymorphism at this position"
US-09-071-710-10

Query Match 1.4%; Score 16; DB 3; Length 288;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 24 GCCTGTCTCTCTGTGA 39
Db 62 GCCTGTCTCTCTGTGA 47

RESULT 98
US-09-525-397-10/c
; Sequence 10, Application US/09525397
; Patent No. 6252047
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA

; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KLAS, MICHAEL R.
; APPLICANT: KRATOVIL, JON D.
; APPLICANT: ROBERTS-RAPP, LISA
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; FOR DETECTING DISEASES OF THE PROSTATE
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
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; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
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; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6083.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 288 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: base_polymorphism
; LOCATION: 147
; OTHER INFORMATION: /note= " N' represents an A or G or
; OTHER INFORMATION: T or C polymorphism at this position"
US-09-525-397-10

Query Match 1.4%; Score 16; DB 3; Length 288;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 62 GCCTGTCTCTCTGTGA 47

RESULT 99
US-08-235-838-9/c
; Sequence 9, Application US/08235838
; Patent No. 5571894
; GENERAL INFORMATION:
; APPLICANT: Wels, Winfried S.
; APPLICANT: Hynes, Nancy E.
; APPLICANT: Harwerth, Ina-Maria
; APPLICANT: Groner, Bernd
; APPLICANT: Hardman, No. 5571894man

us-09-939-853a-74.olig.rni

Mon Jan 3 11:32:11 2005

APPLICANT: Zwickl, Markus
TITLE OF INVENTION: Recombinant Antibodies Specific for a
TITLE OF INVENTION: Growth Factor Receptor
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: CIBA-GEIGY Corporation
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: New York
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/235,838
FILING DATE: TBA
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/828,832
FILING DATE: 31-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 91-810079.3
FILING DATE: 05-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: Elmer, James Scott
REGISTRATION NUMBER: 36,129
REFERENCE/DOCKET NUMBER: 4-18518/A/CIP/CONT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (919) 541-8614
TELEFAX: (919) 541-8689
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 310 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Mouse
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IMMEDIATE SOURCE:
CLONE: pMW15-VL51-1
FEATURE:
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OTHER INFORMATION: 259-282 CDR3L; 292-310 partial seq. of VK1FOR
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US-08-235-838-9

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Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 100

US-08-465-473B-9/c
Sequence 9, Application US/08465473B
Patent No. 5939531
GENERAL INFORMATION:
APPLICANT: Wels, Winfried S.
APPLICANT: Hynes, Nancy E.
APPLICANT: Harwerth, Ina-Maria

APPLICANT: Groner, Bernd
APPLICANT: Hardman, No. 5939531man
APPLICANT: Zwickl, Markus
TITLE OF INVENTION: Recombinant Antibodies Specific for a
TITLE OF INVENTION: Growth Factor Receptor
NUMBER OF SEQUENCES: 34
CORRESPONDENCE ADDRESS:
ADDRESSEE: NOVARTIS Corporation
STREET: 564 Morris Avenue
CITY: Summit
STATE: New Jersey
COUNTRY: USA
ZIP: 07901-6940
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/465,473B
FILING DATE: 5 June 1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/828,832
FILING DATE: 31-JAN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 91-810079.3
FILING DATE: 05-FEB-1991
ATTORNEY/AGENT INFORMATION:
NAME: Pfeiffer, Henna J.
REGISTRATION NUMBER: 22,640
REFERENCE/DOCKET NUMBER: 4-18518/A/CIP/CONT2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (908) 522 6940
TELEFAX: (908) 522 6955
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 310 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Mouse
INDIVIDUAL ISOLATE: E. coli
IMMEDIATE SOURCE:
CLONE: pMW15-VL51-1
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NAME/KEY: misc_feature
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OTHER INFORMATION: primer region
US-08-465-473B-9

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Db 24 TGAGGATGGAGCTGG 9

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

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Title: US-09-939-853A-74

Perfect score:

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SUMMARIES

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4	735	62.1	786	17	US-10-432-746A-4	Sequence 4, Appl
5	724	61.2	864	10	US-09-814-353-21302	Sequence 21302, A
6	657	55.5	763	9	US-09-867-550-953	Sequence 953, App
7	483	40.8	737	17	US-10-432-746A-6	Sequence 6, Appl
8	468	39.6	1413	17	US-10-115-635-120	Sequence 120, App
9	348	29.4	444	9	US-09-867-550-951	Sequence 951, App
10	341	28.8	875	9	US-09-867-550-1915	Sequence 1915, App
11	134	11.3	432	9	US-09-864-761-2829	Sequence 2829, A
12	134	11.3	448	9	US-09-864-761-15513	Sequence 15513, A

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C 98	1.5	481	10	US-09-918-995-26739	Sequence 26739, A	171	18	1.5	1579	14	US-10-174-588-441	Sequence 441, App
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C 129	1.5	823	13	US-10-027-632-325447	Sequence 325447, A	202	18	1.5	1579	14	US-10-180-543-441	Sequence 441, App
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C 152	1.5	1579	14	US-10-175-737-441	Sequence 441, App	225	18	1.5	1579	14	US-10-199-464-441	Sequence 441, App
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ALIGNMENTS

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RESULT 1
US-09-939-853A-74
; Sequence 74, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 74
; LENGTH: 1183
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-939-853A-74

Query Match      100.0%; Score 1183; DB 11; Length 1183;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1183; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  AGCTAGAGCTCCAAAGGACCCACGCCCTGTGTCTGTGACAGAGCTCAAAGGGCCCTGGG 60
Db      1  AGCTAGAGCTCCAAAGGACCCACGCCCTGTGTCTGTGACAGAGCTCAAAGGGCCCTGGG 60

Qy      61  CTTTCCCTCCCTGGCTCGGCTGTGTGGAGGTTTCCCAAGTCCCAAGTCCCAAGTCCCTAAGGAG 120
Db      61  CTTTCCCTCCCTGGCTCGGCTGTGTGGAGGTTTCCCAAGTCCCAAGTCCCAAGTCCCTAAGGAG 120

Qy      121  CATTGGGACGTGATCCATCCCTGGTGTACAAACTGCTGACTGCAGACAGATGCTGAGCT 180
Db      121  CATTGGGACGTGATCCATCCCTGGTGTACAAACTGCTGACTGCAGACAGATGCTGAGCT 180

Qy      181  ACCCAAAACCAACACTAGCCTCTCCCTGAAGATCCTCCAGGCTGAGAGAGTCTTGGGTG 240
Db      181  ACCCAAAACCAACACTAGCCTCTCCCTGAAGATCCTCCAGGCTGAGAGAGTCTTGGGTG 240

Qy      241  TCCTAGACCAAGGACACTGGCAGACTTCCAGAAAGGCCCCCAAGGCCCTAACCTGTCCA 300
Db      241  TCCTAGACCAAGGACACTGGCAGACTTCCAGAAAGGCCCCCAAGGCCCTAACCTGTCCA 300

Qy      301  GCCAGACATCGCTCTCAGCAGAGCTGTCTTCCCAAGCCTTGATGACAAACCAATTTCC 360
Db      301  GCCAGACATCGCTCTCAGCAGAGCTGTCTTCCCAAGCCTTGATGACAAACCAATTTCC 360

Qy      361  CTCGATGATGTGCTTCTGAGTGTCTCTGAGGAACAAATGGGAAGTCTGCCCAGCAGAA 420
Db      361  CTCGATGATGTGCTTCTGAGTGTCTCTGAGGAACAAATGGGAAGTCTGCCCAGCAGAA 420

Qy      421  AAAATCTCTGCCAAGCCAAAGCTTGAAGTCTCTGTCTCAAGGCCAGGAGCTGTGAACAT 480
Db      421  AAAATCTCTGCCAAGCCAAAGCTTGAAGTCTCTGTCTCAAGGCCAGGAGCTGTGAACAT 480

Qy      481  GBRAGCAGAGAGCAGCAAGGCCACAGCCGTGGCCCTGGCAGATTTCCGGCAGGTGGCCC 540
Db      481  GBRAGCAGAGAGCAGCAAGGCCACAGCCGTGGCCCTGGCAGATTTCCGGCAGGTGGCCC 540

Qy      541  GGCGAGCTGTGCTGAGACTCGGGGAGCCATTGACCATCGTCTCTGAGGATGAGAGCTG 600
Db      541  GGCGAGCTGTGCTGAGACTCGGGGAGCCATTGACCATCGTCTCTGAGGATGAGAGCTG 600

Qy      601  GTGACGGTGTGTCTGAAGTCTCAGGCAGAGAGTAAACATCCCGCAGCTCCACGTGGG 660
Db      601  GTGACGGTGTGTCTGAAGTCTCAGGCAGAGAGTAAACATCCCGCAGCTCCACGTGGG 660
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781 CTCTTACTCTCTGTCACTGTGAGTCCGCTCAGCCGCTGTGATCTGGGACCGGATCAGACACTA 840 Db

841 CAGATCCACTGTCTTGACAAATGGCTGGTGTACATCTCAGCGGCTCACCTTCCCTTC 900 Qy

841 CAGATCCACTGTCTTGACAAATGGCTGGTGTACATCTCAGCGGCTCACCTTCCCTTC 900 Db

901 ACTCCAGGCTGTGTGAGACCAATTAATCTGTAGCTGGCGGATGACATCTGTGCTACTCAA 960 Qy

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RESULT 2

US-09-939-853A-76/C

Sequence 76, Application US/09939853A

Publication No. US20040039163A1

GENERAL INFORMATION:

APPLICANT: Burgess et al.

TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same

FILE REFERENCE: 21402-099

CURRENT APPLICATION NUMBER: US/09/939, 853A

CURRENT FILING DATE: 2001-08-27

PRIOR APPLICATION NUMBER: 60/228,191

PRIOR FILING DATE: 2000-08-25

PRIOR APPLICATION NUMBER: 60/267,300

PRIOR FILING DATE: 2001-02-08

PRIOR APPLICATION NUMBER: 60/269,961

PRIOR FILING DATE: 2001-02-20

PRIOR APPLICATION NUMBER: 60/277,337

PRIOR FILING DATE: 2001-03-20

NUMBER OF SEQ ID NOS: 159

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 76

LENGTH: 1183

TYPE: DNA

ORGANISM: Homo sapiens

US-09-939-853A-76

Query Match 100.0%; Score 1183; DB 11; Length 1183;

Best Local Similarity 100.0%; Pred. No. 0;

Mismatches 0; Indels 0; Gaps 0;

Matches 1183; Conservative 0;

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Db 1183 AGCTAGAGCTCCAGGACCCCAAGGAGTCTCTCTGACAGAGCTCAAGAGGCGCTGGG 1124

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1123 CTTTCCCTCCCTGGCTCGGCTGTGGAGGGTTCCCCAGTCCAGAAATCCCTAAGGAG 1064 Db

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1063 CATGGGCGAGTCCATCCATCCCTGGTGTACAACTGCTGACTGCAGACAGATGCTGAGCT 1004 Db

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1003 ACCCAACCAACACTAGCTCTCCCTGAAGTCCCTCCAGGCTGAGAGATTTCTGGGTG 944 Db

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943 TCCTAGACCAAGGACACTGCGAGACTTCCAGAGGGCCCCCAAGCCCTTAACCTGTCCA 884 Db

301 GCCAGACATGCGTCTCAGCAGAGCTGTCTCCCAAGCCCTTTCATGACAAACCAATTTCC 360 Qy

883 GCCAGACATGCGTCTCAGCAGAGCTGTCTCCCAAGCCCTTTCATGACAAACCAATTTCC 824 Db

361 CTCGATGATGTGCTTCTGAGTGTCTCTGAGGAACAATGGGAAGTCTGCCCGCAGAGAAG 420 Qy

823 CTCGATGATGTGCTTCTGAGTGTCTCTGAGGAACAATGGGAAGTCTGCCCGCAGAGAAG 764 Db

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RESULT 3
US-10-043-649-1
; Sequence 1, Application US/10043649
; Publication No. US20030059924A1
; GENERAL INFORMATION:
; APPLICANT: Holland, Sacha J.
; APPLICANT: Mendenhall, Marcy K.
; APPLICANT: Pardo, Jorge
; APPLICANT: Spencer, Collin
; APPLICANT: Fu, C. Alan
; APPLICANT: Luo, Ying
; APPLICANT: Pavan, Donald G.
; APPLICANT: Mancebo, Helena S.Y.
; APPLICANT: Wu, Jun
; APPLICANT: Zhou, Xiulan
; APPLICANT: Shen, Mary
; APPLICANT: Liao, X. Charlene
; APPLICANT: Sheng, Ning
; TITLE OF INVENTION: Cloning of a No. US20030059924A1el Inhibitor of Antigen-receptor
; TITLE OF INVENTION: Retroviral-based Functional Screen
; FILE REFERENCE: A-70219-1/RMS/DHR
; CURRENT APPLICATION NUMBER: US/10/043,649
; PRIOR FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US 60/260,953
; PRIOR FILING DATE: 2001-01-10
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 1
; LENGTH: 786
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(786)
; OTHER INFORMATION:
US-10-043-649-1
Query Match 62.1%; Score 735; DB 14; Length 786;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 785; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy 878 TCACCGCGCTCACCCTTCCCTCTACTCCAGGCCCTGTGTCTGAGAGGCTTACTCTGAGCTGGCG 937
Db 481 TCACCGCGCTCACCCTTCCCTCTACTCCAGGCCCTGTGTCTGAGAGGCTTACTCTGAGCTGGCG 540
Qy 938 GATGACATCTGCTGCTTACTCAAGGAGCCCTGTGTCTGAGAGGCTTACTCTGAGCTGGCG 997
Db 541 GATGACATCTGCTGCTTACTCAAGGAGCCCTGTGTCTGAGAGGCTTACTCTGAGCTGGCG 600
Qy 998 GGCAAGGATATACCCCTTACTCTGAGTGTGTGAGAGGACACCACTCAACTGGAAGAGCTG 1057
Db 601 GGCAAGGATATACCCCTTACTCTGAGTGTGTGAGAGGACACCACTCAACTGGAAGAGCTG 660
Qy 1058 GACAGTCCCTCTGTTTCTGAGCTGCCACAGGGGAGGAGTCTCTCTCAGTGGGCT 1117
Db 661 GACAGTCCCTCTGTTTCTGAGCTGCCACAGGGGAGGAGTCTCTCTCAGTGGGCT 720
Qy 1118 CTCGGGAGTCCCTTACTTACTCAGCTTCTTACTCAGCTGATGACGAGGCTGTCTCTTTGGATGAT 1177
Db 721 CTCGGGAGTCCCTTACTTACTCAGCTTCTTACTCAGCTGATGACGAGGCTGTCTCTTTGGATGAT 780
Qy 1178 GCCTAG 1183
Db 781 GCCTAG 786
RESULT 4
US-10-432-746A-4
; Sequence 4, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: Loreto, Michael
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 4
; LENGTH: 786
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-432-746A-4
Query Match 62.1%; Score 735; DB 17; Length 786;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 785; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 398 ATGGGAGTCTGCCAGCAGAGAAATCTCTGCCAGAGCCCAAGCTTCAGTTCTCTGTC 457
Db 1 ATGGGAGTCTGCCAGCAGAGAAATCTCTGCCAGAGCCCAAGCTTCAGTTCTCTGTC 60
Qy 458 CAAGGCCAGGACCTGTGACCATGGAAGCAGAGAGAAAGCCACAGCGTGGCCCTG 517
Db 61 CAAGGCCAGGACCTGTGACCATGGAAGCAGAGAGAAAGCCACAGCGTGGCCCTG 120
Qy 518 GGCAGTTTCCCGCAGAGTGGCCCGCAGAGTGTGCTGAGACTCGGGAGCCATTGACC 577
Db 121 GGCAGTTTCCCGCAGAGTGGCCCGCAGAGTGTGCTGAGACTCGGGAGCCATTGACC 180
Qy 578 ATCTCTCTGAGGATGGAGACTGTGGACGCTGTCTGTAAGTCTCAGGCAGAGAGTAT 637
Db 181 ATCTCTCTGAGGATGGAGACTGTGGACGCTGTCTGTAAGTCTCAGGCAGAGAGTAT 240
Qy 638 AACATCCCGACGTCACAGTGGGCAAGTCTCCCATGGGTGGCTGTATGAGGCGCTGAGC 697

Db 241 AACATCCCGAGCTCCACGTGGCCAAAGTCTCCCATGGTGGCTGTATGAGGGCTGAGC 300
Qy 698 AGGAGAAAGACAGAGAACTGCTGTTGTACCTGGGAAACCTTGGAGGGCCCTTCTCATC 757
Db 301 AGGAGAAAGACAGAGAACTGCTGTTGTACCTGGGAAACCTTGGAGGGCCCTTCTCATC 360
Qy 758 CGGAGAGCCAGACAGGAGAGCTTACTCTCTGTAGTCCGGCTCAGCGCCCTGCA 817
Db 361 CGGAGAGCCAGACAGGAGAGCTTACTCTCTGTAGTCCGGCTCAGCGCCCTGCA 420
Qy 818 TCCTGGACCGGATCAGACACTACAGATCCACTGCTTGAATGGCTGGCTGTACATC 877
Db 421 TCCTGGACCGGATCAGACACTACAGATCCACTGCTTGAATGGCTGGCTGTACATC 480
Qy 878 TCACCGCGCTCACCCTTCCCTCCACTCCAGGCCCTGGTGGACCAATTACTCTAGCTGGG 937
Db 481 TCACCGCGCTCACCCTTCCCTCCACTCCAGGCCCTGGTGGACCAATTACTCTAGCTGGG 540
Qy 938 GATGACATCTGCTGCTTCAAGGAGCCCTGTCTGAGAGGCTGGCCGCTCCCT 997
Db 541 GATGACATCTGCTGCTTCAAGGAGCCCTGTCTGAGAGGCTGGCCGCTCCCT 600
Qy 998 GCGAAGATATACCCCTTACCTGTGACTGTGCAGAGACACCACTCACTGGAAGAGCTG 1057
Db 601 GCGAAGATATACCCCTTACCTGTGACTGTGCAGAGGACACCACTCACTGGAAGAGCTG 660
Qy 1058 GACAGCTCCCTGCTTCTGAGCTGCCACAGGGGAGGCTCTTCTCAGTGGGCT 1117
Db 661 GACAGCTCCCTGCTTCTGAGCTGCCACAGGGGAGGCTCTTCTCAGTGGGCT 720
Qy 1118 CTCGGGAGTCCCTCAGCTTCTACATCAGCTGGAATGACGAGGCTCTCTTTGGATGAT 1177
Db 721 CTCGGGAGTCCCTCAGCTTCTACATCAGCTGGAATGACGAGGCTCTCTTTGGATGAT 780
Qy 1178 GCCTAG 1183
Db 781 GCCTAG 786

RESULT 5
US-09-814-353-21302
; Sequence 21302, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Lee, John
; APPLICANT: Thompson, Pamela
; APPLICANT: Lillie, James
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814,353
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21302
; LENGTH: 864
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:

; NAME/KEY: misc_feature
; LOCATION: 1, 2, 3, 32, 862, 863, 864
; OTHER INFORMATION: n = A,T,C or G
US-09-814-353-21302
Query Match 61.2%; Score 724; DB 10; Length 864;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 774; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy 2 GCTAGAGCTCCAAAGGACCCACGCTGTCTCTGTGACAGAGCTCAAGGGCCCTGGGC 61
Db 54 GCTAGAGCTCCAAAGGACCCACGCTGTCTCTGTGACAGAGCTCAAGGGCCCTGGGC 113
Qy 62 CTTCCCTCCCTGCTGGCTGTCTGTTGGAGGGTCCCCAGTCCAGAAATCCCTAAAGGAGC 121
Db 114 CTTCCCTCCCTGCTGGCTGTCTGTTGGAGGGTCCCCAGTCCAGAAATCCCTAAAGGAGC 173
Qy 122 ATGGGGCAGCTGATCCATCCCTGCTGTACAAATGCTGACAGACAGATGCTAGCTA 181
Db 174 ATGGGGCAGCTGATCCATCCCTGCTGTACAAATGCTGACAGACAGATGCTAGCTA 233
Qy 182 CCCAAACCAACACTAGCTCTCCCTGAGATCCTCCAGGCTGAGAGATTTCTGGGTGT 241
Db 234 CCCAAACCAACACTAGCTCTCCCTGAGATCCTCCAGGCTGAGAGATTTCTGGGTGT 293
Qy 242 CCTAGGACCAAGGACACTGGCAGACTTCCAGAAAGGGCCCCAAAGCCCTAACCTGTCCAG 301
Db 294 CCTAGGACCAAGGACACTGGCAGACTTCCAGAAAGGGCCCCAAAGCCCTAACCTGTCCAG 353
Qy 302 CCAGAGCATGCGTCTCAGCAGAGCTGTCTCCCAAGCCCTTGTATGACAAACCAATTTCCC 361
Db 354 CCAGAGCATGCGTCTCAGCAGAGCTGTCTCCCAAGCCCTTGTATGACAAACCAATTTCCC 413
Qy 362 TCGATGATGCTCTTGTAGTCTCTGCTGAGGAAACAATGGGAAAGTCTGCCAGCAGAAGA 421
Db 414 TCGATGATGCTCTTGTAGTCTCTGCTGAGGAAACAATGGGAAAGTCTGCCAGCAGAAGA 473
Qy 422 AAATCTCTGCCAAGCCCAAGCTTGTAGTCTCTGCTCAAGGCCAGGACCTGTGACCATG 481
Db 474 AAATCTCTGCCAAGCCCAAGCTTGTAGTCTCTGCTCAAGGCCAGGACCTGTGACCATG 533
Qy 482 GAAGCAGAGAGAAAGCAAGGCCACAGCCGTGGCCCTTGGGACGTTTCCCGGACAGTGGCCG 541
Db 534 GAAGCAGAGAGAAAGCAAGGCCACAGCCGTGGCCCTTGGGACGTTTCCCGGACAGTGGCCG 593
Qy 542 GCCGAGCTGCTCGCTGAGACTCGGGGAGCCATTGACCATCGTCTGTAGGATGGAGACTGG 601
Db 594 GCCGAGCTGCTCGCTGAGACTCGGGGAGCCATTGACCATCGTCTGTAGGATGGAGACTGG 653
Qy 602 TGGACGGTCTGCTGAAAGTCTCAGGCAGAGAGTATAACATCCCGAGCGTCCACGTGGGC 661
Db 654 TGGACGGTCTGCTGAAAGTCTCAGGCAGAGAGTATAACATCCCGAGCGTCCACGTGGGC 713
Qy 662 AAAGTCTCCATGGGTGGCTGTATGAGGCTTGACAGGGCCCTGACAGGAGAAAGCAGAACTGCTG 721
Db 714 AAAGTCTCCATGGGTGGCTGTATGAGGCTTGACAGGGCCCTGACAGGAGAAAGCAGAACTGCTG 773
Qy 722 TTGTTACCTGGGAAACCTCGAGGGCCCTTCTCATCCGAGAGCCAGACACAGGA 776
Db 774 TTGTTACCTGGGAAACCTCGAGGGCCCTTCTCATCCGAGAGCCAGACACAGGA 828

RESULT 6
US-09-867-550-953
; Sequence 953, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
; APPLICANT: Leach, Martin D.
; APPLICANT: Mehraban, Fuad,
; APPLICANT: Conley, Pamela
; APPLICANT: Law, Debbie
; APPLICANT: Topper, James
; TITLE OF INVENTION: No. US20020082206A1 Polynucleotides from Atherogenic Cells and


```
; TITLE OF INVENTION: Thereby
; FILE REFERENCE: 21402-013 (Cura-313)
; CURRENT APPLICATION NUMBER: US/09/867,550
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: USN 60/208,427
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 2125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 953
; LENGTH: 763
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-867-550-953

Query Match      55.5%; Score 657; DB 9; Length 763;
Best Local Similarity 99.7%; Pred. No. 0;
Matches 757; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 117 GGAGCATGGGCGAGCTGATCCATCCCTGGTGTACAACTGCTGACTGACAGACAGATGCTG 176
Db |||||
Qy 177 AGCTACCCAAACCAACACCTAGCCTCTCCCTGAAGATCCTCCAGGCTGAGAGAGTCTG 236
Db |||||
Qy 65 AGCTACCCAAACCAACACCTAGCCTCTCCCTGAAGATCCTCCAGGCTGAGAGAGTCTG 124
Db |||||
Qy 237 GGTGTCTTAGACCAAGGACACTGGCAGACTTCCAGAGGGCCCCCAAGCCCTAAACCTG 296
Db |||||
Qy 125 GATGCTTAGACCAAGGACACTGGCAGACTTCCAGAGGGCCCCCAAGCCCTAAACCTG 184
Db |||||
Qy 297 TCCAGCCAGAGCATGCGTCTCAGCAGAGCTGCTTCCCAAGCCTTTGATGACAAACCAAT 356
Db |||||
Qy 185 TCCAGCCAGAGCATGCGTCTCAGCAGAGCTGCTTCCCAAGCCTTTGATGACAAACCAAT 244
Db |||||
Qy 357 TTCCCTCGATGATGCTTCTGAGTGCTCTGCTGAGGACAAATGGAGTCTGCCAGCA 416
Db |||||
Qy 245 TTCCCTCGATGATGCTTCTGAGTGCTCTGCTGAGGACAAATGGAGTCTGCCAGCA 304
Db |||||
Qy 417 GAAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTGTCCAAAGGCCAGGACCTGTGA 476
Db |||||
Qy 305 GAAGAAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTGTCCAAAGGCCAGGACCTGTGA 364
Db |||||
Qy 477 CCATGGAAGCAGAGAGAAAGCAAGCCACAGCCGTGGCCCTGGGCGAGTTTCCCGCAGGTG 536
Db |||||
Qy 365 CCATGGAAGCAGAGAGAAAGCAAGCCACAGCCGTGGCCCTGGGCGAGTTTCCCGCAGGTG 424
Db |||||
Qy 537 GCCCGCCGAGCTCTCGCTGAGACTCGGGAGCCATTGACCATCTCTCTGAGGATGGAG 596
Db |||||
Qy 425 GCCCGCCGAGCTCTCGCTGAGACTCGGGAGCCATTGACCATCTCTCTGAGGATGGAG 484
Db |||||
Qy 597 ACTGGTGGACGGTCTGTCTGAAGTCTCAGGCAGAGAGTATAACATCCCGAGCGTCCACG 656
Db |||||
Qy 485 ACTGGTGGACGGTCTGTCTGAAGTCTCAGGCAGAGAGTATAACATCCCGAGCGTCCACG 544
Db |||||
Qy 657 TGGGCAAAAGTCTCCCATGGGTGGTGTATGAGGCGCTGAGCAGGAGAAAGCAGAGGAAC 716
Db |||||
Qy 545 TGGGCAAAAGTCTCCCATGGGTGGTGTATGAGGCGCTGAGCAGGAGAAAGCAGAGGAAC 604
Db |||||
Qy 717 TGCTGTGTTTACCTGGGAAACCTGGAGGGGCTTCCCTCATCCGGGAGAGCCAGACACAGGA 776
Db |||||
Qy 605 TGCTGTGTTTACCTGGGAAACCTGGAGGGGCTTCCCTCATCCGGGAGAGCCAGACACAGGA 664
Db |||||
Qy 777 GAGGCTCTTACTCTCTGTCTGAGTCCGCTCAGCCGCTCTGATCTCTGGGACCGGATCAGAC 836
Db |||||
Qy 665 GAGGCTCTTACTCTCTGTCTGAGTCCGCTCAGCCGCTCTGATCTCTGGGACCGGATCAGAC 724
Db |||||
Qy 837 ACTACAGATCCACTGCTGTGACAAATGGCTGGCTGTACA 875
Db |||||
Qy 725 ACTACAGATCCACTGCTGTGACAAATGGCTGGCTGTACA 763
Db |||||
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RESULT 7

US-10-432-746A-6

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; Sequence 6, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; APPLICANT: Loreto, Michael
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 737
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-432-746A-6

Query Match      40.8%; Score 483; DB 17; Length 737;
Best Local Similarity 99.8%; Pred. No. 3.4e-240;
Matches 533; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 398 ATGGGAAGTCTGCCAGCAGAGAAGAAAATCTCTGCCAAGCCCAAGCTTTCCTCTGTC 457
Db 1 ATGGGAAGTCTGCCAGCAGAGAAGAAAATCTCTGCCAAGCCCAAGCTTTCCTCTGTC 60
Qy 458 CAAGCCAGGAGACTCTGTGACCATGGAAGCAGAGAGAAAGCAAGGCCACAGCCGTGGCCCTG 517
Db 61 CAAGCCAGGAGACTCTGTGACCATGGAAGCAGAGAGAAAGCAAGGCCACAGCCGTGGCCCTG 120
Qy 518 GGCAAGTTTCCCGCAGGTGGCCGCGGAGTCTGCTGAGACTCGGGAGGCCATTGACC 577
Db 121 GGCAAGTTTCCCGCAGGTGGCCGCGGAGTCTGCTGAGACTCGGGAGGCCATTGACC 180
Qy 578 ATCGTCTCTGAGGATGAGAGACTGCTGAGACGGTCTGTCTGAAGTCTCAGGCAGAGAGTAT 637
Db 181 ATCGTCTCTGAGGATGAGAGACTGCTGAGACGGTCTGTCTGAAGTCTCAGGCAGAGAGTAT 240
Qy 638 AACATCCCAAGCGTCCACGTGGGCAAAAGTCTCCCATGGGTGGTGTATGAGGGGCTGAGC 697
Db 241 AACATCCCAAGCGTCCACGTGGGCAAAAGTCTCCCATGGGTGGTGTATGAGGGGCTGAGC 300
Qy 698 AGGAGAGAAACAGAGGAACTGCTGTTTACCTGGGAACCTCGAGGGGCTTCTCTCATC 757
Db 301 AGGAGAGAAACAGAGGAACTGCTGTTTACCTGGGAACCTCGAGGGGCTTCTCTCATC 360
Qy 758 CGGAGAGCCAGACACCAGGAGAGGCTCTTACTCTGTCTGTCAGTCCGCTCAGCCGCTTCA 817
Db 361 CGGAGAGCCAGACACCAGGAGAGGCTCTTACTCTGTCTGTCAGTCCGCTCAGCCGCTTCA 420
Qy 818 TCCTGGAGCCGGATCAGACACTACAGGATCCATGCTTGCATTAATGGCTGGCTGTATCATC 877
Db 421 TCCTGGAGCCGGATCAGACACTACAGGATCCATGCTTGCATTAATGGCTGGCTGTATCATC 480
Qy 878 TCACCGGCTCACCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTT 931
Db 481 TCACCGGCTCACCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTTCCCTT 534

RESULT 8
US-10-115-635-120
; Sequence 120, Application US/10115635
; Publication No. US20040137434A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Zhou, Ping
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Asundi, Vinod
; APPLICANT: Ren, Feiyan
```

RESULT 9
US-09-867-550-951
; Sequence 951, Application US/09867550
; Patent No. US20020082206A1

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; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: Wherein n is one of a or t or c or g
US-09-867-550-1915

Query Match      28.8%; Score 341; DB 9; Length 875;
Best Local Similarity 100.0%; Pred. No. 2e-166;
Matches 341; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 843 GGATCCACTGCTTGACAAATGGCTGTACATCTACCGGCTCACCTTCCCTCAC 902
Db 2 GGATCCACTGCTTGACAAATGGCTGTACATCTACCGGCTCACCTTCCCTCAC 61
Qy 903 TCCAGGCGCTGGTGGACCACTACTCTGAGCTGGGGGATGACATCTGCTGCCCTACTCAAG 962
Db 62 TCCAGGCGCTGGTGGACCACTACTCTGAGCTGGGGGATGACATCTGCTGCCCTACTCAAG 121
Qy 963 AGCCCTGTGCTTGAGAGGCTGGCCGCTCCCTTGGCAAGATATACCCCTACTGTGA 1022
Db 122 AGCCCTGTGCTTGAGAGGCTGGCCGCTCCCTTGGCAAGATATACCCCTACTGTGA 181
Qy 1023 CTGTGACAGACACCACTCAACTGGAAGAGCTGGACAGCTCCCTCTGTTTCTGAAG 1082
Db 182 CTGTGACAGACACCACTCAACTGGAAGAGCTGGACAGCTCCCTCTGTTTCTGAAG 241
Qy 1083 CTGCCACAGGGAGGAGTCTCTTCTCAGTGAGGCTTCCGGAGTCCCTCAGCTTCTACA 1142
Db 242 CTGCCACAGGGAGGAGTCTCTTCTCAGTGAGGCTTCCGGAGTCCCTCAGCTTCTACA 301
Qy 1143 TCAGCCTGAATGACGAGGCTCTCTTTTGGATGATGCTAG 1183
Db 302 TCAGCCTGAATGACGAGGCTCTCTTTTGGATGATGCTAG 342

RESULT 11
US-09-864-761-2829
; Sequence 2829, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Acomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27

US-09-864-761-15513
; Sequence 15513, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Acomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
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; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annonax Sequence Listing Engine vers. 1.1
; SEQ ID NO 2829
; LENGTH: 432
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AL031662.24
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.1
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.1
; OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.4
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.9
; OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 2.1
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.9
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.3
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.3
; US-09-864-761-2829

Query Match      11.3%; Score 134; DB 9; Length 432;
Best Local Similarity 100.0%; Pred. No. 7.5e-59;
Matches 134; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 929 GAGCTGGCGGATGACATCTCTGCTACTCAAGAGCCCTGTGTCTGCGAGGGCTGGC 988
Db 270 GAGCTGGCGGATGACATCTCTGCTACTCAAGAGCCCTGTGTCTGCGAGGGCTGGC 329
Qy 989 CCGCTCCCTGGCAAGGATATACCCCTACCTGTGACTGTGCGAGGACCACTCACTGG 1048
Db 330 CCGCTCCCTGGCAAGGATATACCCCTACCTGTGACTGTGCGAGGACCACTCACTGG 389
Qy 1049 AAAGAGCTGGACAG 1062
Db 390 AAAGAGCTGGACAG 403

RESULT 12
US-09-864-761-15513
; Sequence 15513, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Acomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
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PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 19612
LENGTH: 96
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL031662.24
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 2.4
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN HEL100, SIGNAL = 2.1
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.3
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.3
OTHER INFORMATION: NT HIT: AF000716.1, EVALUATE 1.70e-01
OTHER INFORMATION: EST HUMAN HIT: A1125308.1, EVALUATE 2.10e-01
US-09-864-761-19612

Query Match 8.1%; Score 96; DB 9; Length 96;
Best Local Similarity 100.0%; Pred. No. 5e-39;
Matches 96; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 967 CTGTGTCCTGCAGAGGGCTGGCCCGCTCCCTGCGAAGGATATACCCCTACCTGTGACTGT 1026
Db 1 CTGTGTCCTGCAGAGGGCTGGCCCGCTCCCTGCGAAGGATATACCCCTACCTGTGACTGT 60

Qy 1027 GCAGAGGACACCACTCACTGGAAGAGCTGGACAG 1062
Db 61 GCAGAGGACACCACTCACTGGAAGAGCTGGACAG 96

RESULT 14
US-09-814-353-17314
-; Sequence 17314, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Lee, John

PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 15513
LENGTH: 448
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL031662.24
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.8
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 3.1
US-09-864-761-15513

Query Match 11.3%; Score 134; DB 9; Length 448;
Best Local Similarity 100.0%; Pred. No. 7.5e-59;
Matches 134; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 929 GAGCTGGCGGATGACATCTGCTCAAGAGGCCCTGTGCTCTGCAGAGGGCTGGC 988
Db 286 GAGCTGGCGGATGACATCTGCTCAAGAGGCCCTGTGCTCTGCAGAGGGCTGGC 345

Qy 989 CGCTCCCTCGCAAGGATATACCCCTACCTGTGACTGTGCAGAGACCACTCACTGG 1048
Db 346 CGCTCCCTCGCAAGGATATACCCCTACCTGTGACTGTGCAGAGACCACTCACTGG 405

Qy 1049 AAAGAGCTGGACAG 1062
Db 406 AAAGAGCTGGACAG 419

RESULT 13
US-09-864-761-19612
; Sequence 19612, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aecomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26

```
; APPLICANT: Thompson, Pamela
; APPLICANT: Lillie, James
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814,353
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17314
; LENGTH: 320
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-814-353-17314

Query Match      7.4%; Score 87; DB 10; Length 320;
Best Local Similarity 100.0%; Pred. No. 2e-34;
Matches 87; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 549 TGTGCTGAGACTCGGGAGCCATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACGG 608
Db 103 TGTGCTGAGACTCGGGAGCCATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACGG 162

Qy 609 TGCTGTCTGAAGTCTCAGCGAGAGT 635
Db 163 TGCTGTCTGAAGTCTCAGCGAGAGT 189

RESULT 15
; Sequence 4631, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Lee, John
; APPLICANT: Thompson, Pamela
; APPLICANT: Lillie, James
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814,353
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4631
; LENGTH: 152
; TYPE: DNA
; ORGANISM: Homo sapiens
```

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; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 17, 102, 112
; OTHER INFORMATION: n = A,T,C or G
; US-09-814-353-4631

Query Match      6.5%; Score 77; DB 10; Length 152;
Best Local Similarity 100.0%; Pred. No. 3.5e-29;
Matches 77; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 549 TGTGCTGAGACTCGGGAGCCATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACGG 608
Db 25 TGTGCTGAGACTCGGGAGCCATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACGG 84

Qy 609 TGCTGTCTGAAGTCTCA 625
Db 85 TGCTGTCTGAAGTCTCA 101

RESULT 16
; Sequence 10930, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Lee, John
; APPLICANT: Thompson, Pamela
; APPLICANT: Lillie, James
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US/09/814,353
; CURRENT FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: US 60/191,031
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/211,940
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 60/216,820
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 60/220,661
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 22037
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10930
; LENGTH: 152
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 17, 102, 112
; OTHER INFORMATION: n = A,T,C or G
; US-09-814-353-10930

Query Match      6.5%; Score 77; DB 10; Length 152;
Best Local Similarity 100.0%; Pred. No. 3.5e-29;
Matches 77; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 549 TGTGCTGAGACTCGGGAGCCATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACGG 608
Db 25 TGTGCTGAGACTCGGGAGCCATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACGG 84

Qy 609 TGCTGTCTGAAGTCTCA 625
Db 85 TGCTGTCTGAAGTCTCA 101

RESULT 17
; Sequence 2, Application US/10432746A
; US-10-432-746A-2
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; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; PRIOR FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 777
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-432-746A-2

Query Match      3.6%; Score 43; DB 17; Length 777;
Best Local Similarity 100.0%; Pred. No. 1.3e-11;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 740 GGAGGGGCGCTTCCTCATCCGGGAGAGCCAGACCCAGGAGGCT 782
DB 340 GGAGGGGCGCTTCCTCATCCGGGAGAGCCAGACCCAGGAGGCT 382

RESULT 18
US-10-432-746A-1
; Sequence 1, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; PRIOR FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 1348
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-432-746A-1

Query Match      3.6%; Score 43; DB 17; Length 1348;
Best Local Similarity 100.0%; Pred. No. 1.2e-11;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 740 GGAGGGGCGCTTCCTCATCCGGGAGAGCCAGACCCAGGAGGCT 782
DB 621 GGAGGGGCGCTTCCTCATCCGGGAGAGCCAGACCCAGGAGGCT 663

RESULT 19
US-09-939-853A-141/c
; Sequence 141, Application US/0939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1e1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25

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; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 141
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-09-939-853A-141

Query Match      2.2%; Score 26; DB 11; Length 26;
Best Local Similarity 100.0%; Pred. No. 0.014;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 251 AAGGACACTGGCAGACTTCCAGAGG 276
DB 26 AAGGACACTGGCAGACTTCCAGAGG 1

RESULT 20
US-10-432-746A-15/c
; Sequence 15, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-432-746A-15

Query Match      2.1%; Score 25; DB 17; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.045;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1159 GGCTGTCTCTTTGGATGATGCCTAG 1183
DB 25 GGCTGTCTCTTTGGATGATGCCTAG 1

RESULT 21
US-10-432-746A-16
; Sequence 16, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477.102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26

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; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-432-746A-16

Query Match 2.1%; Score 25; DB 17; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.045; 0; Indels 0; Gaps 0;
Matches 25; Conservative 0; Mismatches 0;

QY 773 AGGAGGGCTCTTACTCTCTGTGAC 797
Db 1 AGGAGGGCTCTTACTCTCTGTGAC 25

RESULT 22
US-10-432-746A-17/c
; Sequence 17, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477,102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-432-746A-17

Query Match 2.1%; Score 25; DB 17; Length 25;
Best Local Similarity 100.0%; Pred. No. 0.045; 0; Indels 0; Gaps 0;
Matches 25; Conservative 0; Mismatches 0;

QY 1159 GGCTGTCTCTTTGGATGATGCCTAG 1183
Db 25 GGCTGTCTCTTTGGATGATGCCTAG 1

RESULT 23
US-10-432-746A-14
; Sequence 14, Application US/10432746A
; Publication No. US20040171537A1
; GENERAL INFORMATION:
; APPLICANT: McGlade, Jane
; TITLE OF INVENTION: ADAPTER GENE
; FILE REFERENCE: 3477,102
; CURRENT APPLICATION NUMBER: US/10/432,746A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/CA01/01662
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: CA 2,324,663
; PRIOR FILING DATE: 2000-11-27
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14

; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-432-746A-14

Query Match 1.9%; Score 23; DB 17; Length 23;
Best Local Similarity 100.0%; Pred. No. 0.5; 0; Indels 0; Gaps 0;
Matches 23; Conservative 0; Mismatches 0;

QY 398 ATGGGAGTCTGCCAGCAGAG 420
Db 1 ATGGGAGTCTGCCAGCAGAG 23

RESULT 24
US-09-939-853A-142
; Sequence 142, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 142
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-09-939-853A-142

Query Match 1.9%; Score 22; DB 11; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.7; 0; Indels 0; Gaps 0;
Matches 22; Conservative 0; Mismatches 0;

QY 224 TGAGAGATTCTGGGTGTCCTA 245
Db 1 TGAGAGATTCTGGGTGTCCTA 22

RESULT 25
US-10-062-674-2188/c
; Sequence 2188, Application US/10062674
; Publication No. US20040005559A1
; GENERAL INFORMATION:
; APPLICANT: Loring, Jeanne F.; Kaser, Matthew R.
; TITLE OF INVENTION: MARKERS OF NEURONAL DIFFERENTIATION AND MORPHOGENESIS
; FILE REFERENCE: PA-0026-1 CIP
; CURRENT APPLICATION NUMBER: US/10/062,674
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: US 09/625,102
; PRIOR FILING DATE: 2000-07-24
; NUMBER OF SEQ ID NOS: 2217
; SOFTWARE: PERL Program
; SEQ ID NO 2188
; LENGTH: 701
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:

```
; NAME/KEY: misc feature
; OTHER INFORMATION: incyte ID No. US2004005559A1 893157.1
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1) ... (701)
; OTHER INFORMATION: a, t, c, g, or other
US-10-062-674-2188

Query Match          1.8%; Score 21; DB 16; Length 701;
Best Local Similarity 100.0%; Pred. No. 3.6;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 510 TGGCCCTGGCAGTTTCCCGG 530
    |||||||
DB 285 TGGCCCTGGCAGTTTCCCGG 265

RESULT 26
US-09-939-853A-140/c
; Sequence 140, Application US/09939853A
; Publication No. US20040039163A1
; GENERAL INFORMATION:
; APPLICANT: Burgess et al.
; TITLE OF INVENTION: No. US20040039163A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-099
; CURRENT APPLICATION NUMBER: US/09/939,853A
; CURRENT FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: 60/228,191
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: 60/267,300
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/269,961
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/277,337
; PRIOR FILING DATE: 2001-03-20
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 140
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-09-939-853A-140

Query Match          1.7%; Score 20; DB 11; Length 20;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 282 CAAAGCCCTAACTGTCCAG 301
    |||||||
DB 20 CAAAGCCCTAACTGTCCAG 1

RESULT 27
US-10-674-124A-3306/c
; Sequence 3306, Application US/10674124A
; Publication No. US2004019797A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: TAMIYA, Gen
; TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
; TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
; FILE REFERENCE: ORIN-003CIP
; CURRENT APPLICATION NUMBER: US/10/674,124A
; CURRENT FILING DATE: 2003-09-26
; PRIOR APPLICATION NUMBER: 10/257,511
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: PCT/JP00/07621
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: JP2000-112699
; PRIOR FILING DATE: 2000-04-13
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; PRIOR APPLICATION NUMBER: JP2002-327516
; PRIOR FILING DATE: 2002-09-28
; PRIOR APPLICATION NUMBER: JP2002-383869
; PRIOR FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 27110
; SEQ ID NO 3306
; LENGTH: 430
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: AC016673.3_64436
; FEATURE:
; OTHER INFORMATION: Located on chromosome 2
; FEATURE:
; OTHER INFORMATION: Distance between a terminus base of telomere on
; OTHER INFORMATION: chromosomal short arm and 5'-terminus of this base
; OTHER INFORMATION: sequence : 116726341
; FEATURE:
; OTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of
; OTHER INFORMATION: sequence listing upward to telomere on chromosomal short arm and
; OTHER INFORMATION: 5'-terminus of this base sequence : 86039
US-10-674-124A-3306

Query Match          1.7%; Score 20; DB 18; Length 430;
Best Local Similarity 100.0%; Pred. No. 13;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 472 TGTGACCATGGAAGCAGAGA 491
    |||||||
DB 364 TGTGACCATGGAAGCAGAGA 345

RESULT 28
US-10-027-632-195852/c
; Sequence 195852, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 10827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 195852
; LENGTH: 611
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-195852

Query Match          1.7%; Score 20; DB 13; Length 611;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 256 CACTGGCAGACTTCCAGAAG 275
    |||||||
DB 503 CACTGGCAGACTTCCAGAAG 484
```



```
RESULT 29
US-10-027-632-195852/c
; Sequence 195852, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 195852
; LENGTH: 611
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-195852

Query Match      1.7%; Score 20; DB 15; Length 611;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 256 CACTGGCAGACTTCAGAG 275
Db 503 CACTGGCAGACTTCAGAG 484

RESULT 30
US-10-027-632-107077
; Sequence 107077, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 107077
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-107077

Query Match      1.7%; Score 20; DB 15; Length 611;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 256 CACTGGCAGACTTCAGAG 275
Db 503 CACTGGCAGACTTCAGAG 484
```

```
; ORGANISM: Human
US-10-027-632-107077

Query Match      1.7%; Score 20; DB 13; Length 672;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CTTCTCATCCGGGAGGC 766
Db 71 CTTCTCATCCGGGAGGC 90

RESULT 31
US-10-027-632-142058
; Sequence 142058, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142058
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-142058

Query Match      1.7%; Score 20; DB 13; Length 672;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CTTCTCATCCGGGAGGC 766
Db 71 CTTCTCATCCGGGAGGC 90

RESULT 32
US-10-027-632-142059
; Sequence 142059, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
```

Mon Jan 3 11:32:12 2005

FILE REFERENCE: 108827.129
 CURRENT APPLICATION NUMBER: US 60/167,363
 CURRENT FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 PRIOR FILING DATE: 1999-08-09
 NUMBER OF SEQ ID NOS: 325720
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 142059
 LENGTH: 672
 TYPE: DNA
 ORGANISM: Human
 US-10-027-632-142059

Query Match 1.7%; Score 20; DB 13; Length 672;
 Best Local Similarity 100.0%; Pred. No. 12;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCCTCATCCGGGAGGC 766
 |||||
 Db 71 CCTTCCTCATCCGGGAGGC 90

RESULT 33
 US-10-027-632-142060
 Sequence 142060, Application US/10027632
 Publication No. US20030204075A9
 GENERAL INFORMATION:
 APPLICANT: Wang, David G.
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 TITLE OF INVENTION: Polymorphisms in the Human Genome
 FILE REFERENCE: 108827.129
 CURRENT APPLICATION NUMBER: US/10/027,632
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218,006
 PRIOR FILING DATE: 2000-07-12
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 NUMBER OF SEQ ID NOS: 325720
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 142060
 LENGTH: 672
 TYPE: DNA
 ORGANISM: Human
 US-10-027-632-142060

Query Match 1.7%; Score 20; DB 13; Length 672;
 Best Local Similarity 100.0%; Pred. No. 12;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCCTCATCCGGGAGGC 766
 |||||
 Db 71 CCTTCCTCATCCGGGAGGC 90

RESULT 34
 US-10-027-632-107077
 Sequence 107077, Application US/10027632
 Publication No. US20030204075A9
 GENERAL INFORMATION:
 APPLICANT: Wang, David G.
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 TITLE OF INVENTION: Polymorphisms in the Human Genome

FILE REFERENCE: 108827.129
 CURRENT APPLICATION NUMBER: US/10/027,632
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218,006
 PRIOR FILING DATE: 2000-07-12
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 NUMBER OF SEQ ID NOS: 325720
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 107077
 LENGTH: 672
 TYPE: DNA
 ORGANISM: Human
 US-10-027-632-107077

Query Match 1.7%; Score 20; DB 15; Length 672;
 Best Local Similarity 100.0%; Pred. No. 12;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCCTCATCCGGGAGGC 766
 |||||
 Db 71 CCTTCCTCATCCGGGAGGC 90

RESULT 35
 US-10-027-632-142058
 Sequence 142058, Application US/10027632
 Publication No. US20030204075A9
 GENERAL INFORMATION:
 APPLICANT: Wang, David G.
 TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 TITLE OF INVENTION: Polymorphisms in the Human Genome
 FILE REFERENCE: 108827.129
 CURRENT APPLICATION NUMBER: US/10/027,632
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218,006
 PRIOR FILING DATE: 2000-07-12
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 NUMBER OF SEQ ID NOS: 325720
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 142058
 LENGTH: 672
 TYPE: DNA
 ORGANISM: Human
 US-10-027-632-142058

Query Match 1.7%; Score 20; DB 15; Length 672;
 Best Local Similarity 100.0%; Pred. No. 12;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCCTCATCCGGGAGGC 766
 |||||

```
Db 71 CCTTCCTCATCCGGGAGAC 90

RESULT 36
US-10-027-632-142059
; Sequence 142059, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMORPHISMS IN THE HUMAN GENOME
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142059
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-142059

Query Match 1.7%; Score 20; DB 15; Length 672;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCCGGGAGAC 766
Db 71 CCTTCCTCATCCGGGAGAC 90

RESULT 37
US-10-027-632-142060
; Sequence 142060, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMORPHISMS IN THE HUMAN GENOME
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142060
; LENGTH: 672
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-142060

Query Match 1.7%; Score 20; DB 15; Length 672;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCCGGGAGAC 766
Db 71 CCTTCCTCATCCGGGAGAC 90

RESULT 38
US-10-027-632-26286
; Sequence 26286, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMORPHISMS IN THE HUMAN GENOME
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26286
; LENGTH: 711
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-26286

Query Match 1.7%; Score 20; DB 13; Length 711;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCCTCATCCGGGAGAC 766
Db 72 CCTTCCTCATCCGGGAGAC 91

RESULT 39
US-10-027-632-26286
; Sequence 26286, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMORPHISMS IN THE HUMAN GENOME
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
```

;; PRIOR APPLICATION NUMBER: US 60/185,218
;; PRIOR FILING DATE: 2000-02-24
;; PRIOR APPLICATION NUMBER: US 60/167,363
;; PRIOR FILING DATE: 1999-11-23
;; PRIOR APPLICATION NUMBER: US 60/156,358
;; PRIOR FILING DATE: 1999-09-28
;; PRIOR APPLICATION NUMBER: US 60/146,002
;; PRIOR FILING DATE: 1999-08-09
;; NUMBER OF SEQ ID NOS: 325720
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 26286
;; LENGTH: 711
;; TYPE: DNA
;; ORGANISM: Human
US-10-027-632-26286

Query Match 1.7%; Score 20; DB 15; Length 711;
Best Local Similarity 100.0%; Pred. No. 12; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Qy 747 CCTTCCTCATCCGGGAGAGC 766
Db 72 CCTTCCTCATCCGGGAGAGC 91

RESULT 40
US-10-260-238-640
;; Sequence 640, Application US/10260238
;; Publication No. US20040016025A1
;; GENERAL INFORMATION:
;; APPLICANT: Budworth, Paul R.
;; APPLICANT: Moughamer, Todd G.
;; APPLICANT: Briggs, Steven P.
;; APPLICANT: Cooper, Bret
;; APPLICANT: Glazebrook, Jane
;; APPLICANT: Goff, Stephen A.
;; APPLICANT: Katagiri, Fumiyaki
;; APPLICANT: Kreps, Joel
;; APPLICANT: Provart, Nicholas
;; APPLICANT: Ricke, Darrell
;; APPLICANT: Zhu, Tong
;; TITLE OF INVENTION: PROMOTERS FOR REGULATION OF PLANT EXPRESSION
;; FILE REFERENCE: 60111-NP
;; CURRENT APPLICATION NUMBER: US/10/260,238
;; CURRENT FILING DATE: 2002-09-26
;; PRIOR APPLICATION NUMBER: US 60/325,448
;; PRIOR FILING DATE: 2001-09-26
;; PRIOR APPLICATION NUMBER: US 60/325,277
;; PRIOR FILING DATE: 2001-09-26
;; PRIOR APPLICATION NUMBER: US 60/370,620
;; PRIOR FILING DATE: 2002-04-04
;; NUMBER OF SEQ ID NOS: 6077
;; SEQ ID NO 640
;; LENGTH: 934
;; TYPE: DNA
;; ORGANISM: Oryza sativa
;; FEATURE:
;; NAME/KEY: N region
;; LOCATION: (618)..(618)
;; OTHER INFORMATION: n = any nucleotide
;; FEATURE:
;; NAME/KEY: N region
;; LOCATION: (622)..(622)
;; OTHER INFORMATION: n = any nucleotide
;; FEATURE:
;; NAME/KEY: N region
;; LOCATION: (816)..(816)
;; OTHER INFORMATION: n = any nucleotide
US-10-260-238-640

Query Match 1.7%; Score 20; DB 16; Length 934;
Best Local Similarity 100.0%; Pred. No. 12; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Qy 538 CCGGCCGAGCTGCTCGCTGA 557
Db 421 CCGGCCGAGCTGCTCGCTGA 440

RESULT 41
US-09-997-722-234
;; Sequence 234, Application US/09997722
;; Publication No. US20040072154A1
;; GENERAL INFORMATION:
;; APPLICANT: Engelhard, Eric
;; APPLICANT: Morris, David
;; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
;; FILE REFERENCE: A-71171/RMS/DCF
;; CURRENT APPLICATION NUMBER: US/09/997,722
;; CURRENT FILING DATE: 2001-11-30
;; PRIOR APPLICATION NUMBER: US 09/747,377
;; PRIOR FILING DATE: 2000-12-22
;; PRIOR APPLICATION NUMBER: US 09/798,586
;; PRIOR FILING DATE: 2001-03-02
;; NUMBER OF SEQ ID NOS: 301
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 234
;; LENGTH: 1530
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-997-722-234

Query Match 1.7%; Score 20; DB 11; Length 1530;
Best Local Similarity 100.0%; Pred. No. 11; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Qy 747 CCTTCCTCATCCGGGAGAGC 766
Db 449 CCTTCCTCATCCGGGAGAGC 468

RESULT 42
US-10-437-963-39229
;; Sequence 39229, Application US/10437963
;; Publication No. US20040123343A1
;; GENERAL INFORMATION:
;; APPLICANT: La Rosa, Thomas J.
;; APPLICANT: Kovalic, David K.
;; APPLICANT: Zhou, Yihua
;; APPLICANT: Cao, Yongwei
;; APPLICANT: Wu, Wei
;; APPLICANT: Boukharov, Andrey A.
;; APPLICANT: Barbazuk, Brad
;; APPLICANT: Li, Ping
;; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated with
;; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
;; FILE REFERENCE: 38-21(53221)B
;; CURRENT APPLICATION NUMBER: US/10/437,963
;; CURRENT FILING DATE: 2003-05-14
;; NUMBER OF SEQ ID NOS: 204966
;; SEQ ID NO 39229
;; LENGTH: 1636
;; TYPE: DNA
;; ORGANISM: Oryza sativa
;; FEATURE:
;; OTHER INFORMATION: Clone ID: PAT_MRT4530_42790C.1
US-10-437-963-39229

Query Match 1.7%; Score 20; DB 17; Length 1636;
Best Local Similarity 100.0%; Pred. No. 11; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Qy 538 CCGGCCGAGCTGCTCGCTGA 557
Db 821 CCGGCCGAGCTGCTCGCTGA 840

```
RESULT 43
US-10-316-515-76
; Sequence 76, Application US/10316515
; Publication No. US20040116365A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: MODULATION OF LCK EXPRESSION
; FILE REFERENCE: RTS-0344
; CURRENT APPLICATION NUMBER: US/10/316,515
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 76
; LENGTH: 1879
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-10-316-515-76

Query Match
Best Local Similarity 100.0%; Score 20; DB 17; Length 1879;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCTCATCCGGGAGGC 766
Db 500 CCTTCTCATCCGGGAGGC 519

RESULT 44
US-10-062-674-1776
; Sequence 1776, Application US/10062674
; Publication No. US20040005559A1
; GENERAL INFORMATION:
; APPLICANT: Loring, Jeanne F.; Kaser, Matthew R.
; TITLE OF INVENTION: MARKERS OF NEURONAL DIFFERENTIATION AND MORPHOGENESIS
; FILE REFERENCE: PA-0026-1 CIP
; CURRENT APPLICATION NUMBER: US/10/062,674
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: US 09/625,102
; PRIOR FILING DATE: 2000-07-24
; NUMBER OF SEQ ID NOS: 2217
; SOFTWARE: PERL Program
; SEQ ID NO 1776
; LENGTH: 2017
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc.feature
; OTHER INFORMATION: Incyte ID No. US20040005559A1 245648.12
US-10-062-674-1776

Query Match
Best Local Similarity 100.0%; Score 20; DB 16; Length 2017;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCTCATCCGGGAGGC 766
Db 549 CCTTCTCATCCGGGAGGC 568

RESULT 45
US-09-997-722-233
; Sequence 233, Application US/09997722
; Publication No. US20040072154A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David
; APPLICANT: Engelhard, Eric
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: A-71171/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/997,722
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/747,377
```

```
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 301
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 233
; LENGTH: 2032
; TYPE: DNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-09-997-722-233

Query Match
Best Local Similarity 100.0%; Score 20; DB 11; Length 2032;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCTCATCCGGGAGGC 766
Db 500 CCTTCTCATCCGGGAGGC 519

RESULT 46
US-10-366-288-27
; Sequence 27, Application US/10366288
; Publication No. US20030216288A1
; GENERAL INFORMATION:
; APPLICANT: Powell, Nadine S.
; APPLICANT: Welch, Douglas
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING
; TITLE OF INVENTION: AIDS AND HIV-RELATED DISORDERS USING 1414, 1481, 1553,
; TITLE OF INVENTION: 34021, 1720, 1683, 1552, 1682, 1675, 12825, 9952, 5816,
; TITLE OF INVENTION: 10002, 1611, 1371, 14324, 126, 270, 312, 167, 326, 18926,
; TITLE OF INVENTION: 6747, 1793, 1784 OR 2045 MOLECULES
; FILE REFERENCE: MPI02-025P1RNMNM
; CURRENT APPLICATION NUMBER: US/10/366,288
; CURRENT FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: 60/357,391
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: 60/380,249
; PRIOR FILING DATE: 2002-05-13
; PRIOR APPLICATION NUMBER: 60/391,306
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 60/406,297
; PRIOR FILING DATE: 2002-08-27
; PRIOR APPLICATION NUMBER: 60/412,007
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: 60/417,508
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 60/432,318
; PRIOR FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 2032
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-366-288-27

Query Match
Best Local Similarity 100.0%; Score 20; DB 15; Length 2032;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 747 CCTTCTCATCCGGGAGGC 766
Db 500 CCTTCTCATCCGGGAGGC 519

RESULT 47
US-10-316-515-4
; Sequence 4, Application US/10316515
; Publication No. US20040116365A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Susan M. Freier
```

```

; TITLE OF INVENTION: MODULATION OF LCK EXPRESSION
; FILE REFERENCE: RTS-0344
; CURRENT APPLICATION NUMBER: US/10/316,515
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 4
; LENGTH: 2032
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (52)...(1581)
US-10-316-515-4

Query Match 1.7%; Score 20; DB 17; Length 2032;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCTCATCCGGGAGAGC 766
Db 500 CCTTCTCATCCGGGAGAGC 519

RESULT 48
US-09-805-020-3
; Sequence 3, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPLICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 2034
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(2034)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other
US-09-805-020-3

Query Match 1.7%; Score 20; DB 9; Length 2034;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCTCATCCGGGAGAGC 766
Db 562 CCTTCTCATCCGGGAGAGC 581

RESULT 49
US-09-960-706-954
; Sequence 954, Application US/09960706
; Publication No. US20030134280A1
; GENERAL INFORMATION:
; APPLICANT: Munger, William E.
; TITLE OF INVENTION: Identifying Drugs for and Diagnosis of Benign Prostatic Hyperplas
; FILE REFERENCE: 44921-5029-01US
; CURRENT APPLICATION NUMBER: US/09/960,706
; CURRENT FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: 60/223,323
; PRIOR FILING DATE: 2000-08-07
; PRIOR APPLICATION NUMBER: 09/873,319
; PRIOR FILING DATE: 2001-06-05
; NUMBER OF SEQ ID NOS: 1124
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 954
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```

; LENGTH: 2129
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Genbank Accession No. US20030134280A1 U23852
US-09-960-706-954

Query Match 1.7%; Score 20; DB 10; Length 2129;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCTCATCCGGGAGAGC 766
Db 508 CCTTCTCATCCGGGAGAGC 527

RESULT 50
US-10-305-720-1452
; Sequence 1452, Application US/10305720
; Publication No. US20040010136A1
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice K.; Seilhamer, Jeffrey J.
; TITLE OF INVENTION: Composition for the Detection of Signaling Pathway Gene Expressio
; FILE REFERENCE: PA-0002-1 CON
; CURRENT APPLICATION NUMBER: US/10/305,720
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: 09/016,434
; PRIOR FILING DATE: 1998-01-30
; NUMBER OF SEQ ID NOS: 1490
; SOFTWARE: PERL Program
; SEQ ID NO 1452
; LENGTH: 2129
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: GenBank ID No. US20040010136A1 g775207
US-10-305-720-1452

Query Match 1.7%; Score 20; DB 16; Length 2129;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCTCATCCGGGAGAGC 766
Db 508 CCTTCTCATCCGGGAGAGC 527

RESULT 51
US-10-316-515-75
; Sequence 75, Application US/10316515
; Publication No. US20040116365A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: MODULATION OF LCK EXPRESSION
; FILE REFERENCE: RTS-0344
; CURRENT APPLICATION NUMBER: US/10/316,515
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 75
; LENGTH: 2129
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (60)...(1151)
US-10-316-515-75

Query Match 1.7%; Score 20; DB 17; Length 2129;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 747 CCTTCTCATCCGGGAGGC 766
|||||
Db 508 CCTTCTCATCCGGGAGGC 527

RESULT 52

US-10-723-860-6251
; Sequence 6251, Application US/10723860
; Publication No. US20040253606A1
; GENERAL INFORMATION:
; APPLICANT: Aziz, Natasha
; APPLICANT: Ginsburg, Wendy M.
; APPLICANT: Zlocnik, Albert
; TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions &
; FILE REFERENCE: 05882.0193.NPUS01
; CURRENT APPLICATION NUMBER: US/10/723,860
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 60/429,739
; PRIOR FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 8393
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6251
; LENGTH: 2227
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1926)..(1943)
; OTHER INFORMATION: n is a, c, g, or t

US-10-723-860-6251

Query Match 1.7%; Score 20; DB 18; Length 2227;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCTCATCCGGGAGGC 766
|||||
Db 585 CCTTCTCATCCGGGAGGC 604

RESULT 53

US-09-805-020-4
; Sequence 4, Application US/09805020
; Publication No. US20020086384A1
; GENERAL INFORMATION:
; APPLICANT: LEVINE, Zurit
; TITLE OF INVENTION: SPICE VARIANTS OF ONCOGENES
; FILE REFERENCE: 2786-0168P
; CURRENT APPLICATION NUMBER: US/09/805,020
; CURRENT FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 2282
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(2282)
; OTHER INFORMATION: any n = a,c,g,t any unknown or other

US-09-805-020-4

Query Match 1.7%; Score 20; DB 9; Length 2282;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCTCATCCGGGAGGC 766
|||||
Db 736 CCTTCTCATCCGGGAGGC 755

RESULT 54

US-09-997-722-232
; Sequence 232, Application US/09997722
; Publication No. US20040072154A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David
; APPLICANT: Engelhard, Eric
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
; FILE REFERENCE: A-71171/RMS/DCF
; CURRENT APPLICATION NUMBER: US/09/997,722
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 301
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 232
; LENGTH: 31842
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(2500)
; OTHER INFORMATION: "n" at positions 1 through 2500 can be any base.

US-09-997-722-232

Query Match 1.7%; Score 20; DB 11; Length 31842;
Best Local Similarity 100.0%; Pred. No. 7.6;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 747 CCTTCTCATCCGGGAGGC 766
|||||
Db 11316 CCTTCTCATCCGGGAGGC 11335

RESULT 55

US-10-087-192-1438/c
; Sequence 1438, Application US/10087192
; Publication No. US20020182586A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; APPLICANT: Engelhard, Eric K.
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR
; FILE REFERENCE: 529452000122
; CURRENT APPLICATION NUMBER: US/10/087,192
; CURRENT FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 2059
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1438
; LENGTH: 177587
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(177587)
; OTHER INFORMATION: n = A,T,C or G

US-10-087-192-1438

Query Match 1.7%; Score 20; DB 13; Length 177587;
Best Local Similarity 100.0%; Pred. No. 6.2;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 210 AGATCCTCCCGGCTGAGAG 229
|||||

Mon Jan 3 11:32:12 2005

```
Db 19473 AGATCTCTCCAGGCTGAGAG 19454
RESULT 56
US-10-412-277-3
; Sequence 3, Application US/10412277
; Publication No. US20030175791A1
; GENERAL INFORMATION:
; APPLICANT: GUEGLER, Karl et al
; TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
; TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: CL001067DIV
; CURRENT APPLICATION NUMBER: US/10/412,277
; CURRENT FILING DATE: 2003-04-14
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 786431
; TYPE: DNA
; ORGANISM: Human
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(786431)
; OTHER INFORMATION: n = A,T,C or G
US-10-412-277-3
Query Match 1.7%; Score 20; DB 15; Length 786431;
Best Local Similarity 100.0%; Pred. No. 5.2;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 693 TGAGCAGGAGGAAGCAGAG 712
Db 412751 TGAGCAGGAGGAAGCAGAG 412770
RESULT 57
US-09-908-975-4510
; Sequence 4510, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLICE
; TITLE OF INVENTION: THAT POPULATE A TRANSCRIPTOME
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4510
; LENGTH: 65
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-09-908-975-4510
Query Match 1.6%; Score 19; DB 10; Length 65;
Best Local Similarity 100.0%; Pred. No. 53;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 395 ACAATGGGAAGTCTGCCCA 413
Db 2 ACAATGGGAAGTCTGCCCA 20
RESULT 58
US-09-864-761-30106/c
; Sequence 30106, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wenheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aeomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 30106
; LENGTH: 114
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC020596.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.7
; OTHER INFORMATION: SWISSPROT HIT: P52757, EVALUE 2.00e-09
; OTHER INFORMATION: EST HUMAN HIT: AW950919.1, EVALUE 2.00e-55
; OTHER INFORMATION: NT HIT: gill1431079, EVALUE 5.00e-58
US-09-864-761-30106
Query Match 1.6%; Score 19; DB 9; Length 114;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 751 CCTCATCCGGAGAGCCAG 769
Db 51 CCTCATCCGGAGAGCCAG 33
RESULT 59
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US-10-425-115-73988
; Sequence 73988, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 73988
; LENGTH: 438
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_167477C.1
US-10-425-115-73988

Query Match 1.6%; Score 19; DB 18; Length 438;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 24 GCCTGTCTCTGTGACAG 42
|||||
Db 302 GCCTGTCTCTGTGACAG 320

RESULT 60
US-10-072-602B-237
; Sequence 237, Application US/10073602B
; Publication No. US20030109670A1
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; APPLICANT: Cognetix, Inc.
; APPLICANT: Olivera, Baldomero M.
; APPLICANT: McIntosh, J, Michael
; APPLICANT: Watkins, Wren
; APPLICANT: Garrett, James E.
; APPLICANT: Cruz, Lourdes J.
; APPLICANT: Grilley, Michelle
; APPLICANT: Schoenfeld, Robert M.
; APPLICANT: Walker, Craig
; APPLICANT: Shetty, Reshma
; APPLICANT: Jones, Robert M.
; TITLE OF INVENTION: Cone Snail Peptides
; FILE REFERENCE: 2314-249
; CURRENT APPLICATION NUMBER: US/10/072,602B
; CURRENT FILING DATE: 2002-02-11
; PRIOR APPLICATION NUMBER: US 60/267,408
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 638
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 237
; LENGTH: 510
; TYPE: DNA
; ORGANISM: Conus textile
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (223)..(471)
US-10-072-602B-237

Query Match 1.6%; Score 19; DB 15; Length 510;
Best Local Similarity 100.0%; Pred. No. 41;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 392 GGACAAATGGGAAGTCTGC 410
|||||
Db 390 GGACAAATGGGAAGTCTGC 408

RESULT 61
US-09-864-761-13565/c
; Sequence 13565, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wenheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aecomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006659
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006655
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006658
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 13565
; LENGTH: 599
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC020596.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.7
US-09-864-761-13565

Query Match 1.6%; Score 19; DB 9; Length 599;
Best Local Similarity 100.0%; Pred. No. 41;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 751 CCTCATCGGAGAGCCAG 769
|||||
Db 75 CCTCATCGGAGAGCCAG 57

RESULT 62
US-10-425-115-27950

```
; Sequence 27950, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 27950
; LENGTH: 753
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_125504C.1
; US-10-425-115-27950

Query Match          1.6%; Score 19; DB 18; Length 753;
Best Local Similarity 100.0%; Pred. No. 39;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 453 CTGTCCAAGGCCAGGACC 471
Db 272 CTGTCCAAGGCCAGGACC 290

RESULT 63
US-09-789-561-20/c
; Sequence 20, Application US/09789561
; Patent No. US20020064818A1
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: 52 Human secreted proteins
; FILE REFERENCE: P2043P1
; CURRENT APPLICATION NUMBER: US/09/789,561
; CURRENT FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/24008
; PRIOR FILING DATE: 2000-08-31
; PRIOR APPLICATION NUMBER: 60/152,317
; PRIOR FILING DATE: 1999-09-03
; PRIOR APPLICATION NUMBER: 60/152,315
; PRIOR FILING DATE: 1999-09-03
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 1033
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-789-561-20

Query Match          1.6%; Score 19; DB 9; Length 1033;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 696 GCAGGGAGAAAGCAGAGGA 714
Db 931 GCAGGGAGAAAGCAGAGGA 913

RESULT 64
US-10-027-632-118578/c
; Sequence 118578, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 118578
; LENGTH: 1125
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-118578

Query Match          1.6%; Score 19; DB 15; Length 1125;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 964 GCCCTGTGTCCTGCAGAGG 982
Db 926 GCCCTGTGTCCTGCAGAGG 908
```

```
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 118578
; LENGTH: 1125
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-118578

Query Match          1.6%; Score 19; DB 13; Length 1125;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 964 GCCCTGTGTCCTGCAGAGG 982
Db 926 GCCCTGTGTCCTGCAGAGG 908

RESULT 65
US-10-027-632-118578/c
; Sequence 118578, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 118578
; LENGTH: 1125
; TYPE: DNA
; ORGANISM: Human
; US-10-027-632-118578

Query Match          1.6%; Score 19; DB 15; Length 1125;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 964 GCCCTGTGTCCTGCAGAGG 982
Db 926 GCCCTGTGTCCTGCAGAGG 908
```

```

RESULT 66
US-10-424-599-55347
; Sequence 55347, Application US/10424599
; Publication No. US20040031072A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa Thomas J
; APPLICANT: Kovalic David K
; APPLICANT: Cao Yongwei
; APPLICANT: Zhou Yihua
; TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
; FILE REFERENCE: 38-21(53223)B
; CURRENT APPLICATION NUMBER: US/10/424,599
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 285684
; SEQ ID NO 5347
; LENGTH: 1133
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_20990C.1
US-10-424-599-55347

Query Match      1.6%; Score 19; DB 16; Length 1133;
Best Local Similarity 100.0%; Pred. No. 38;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 408 TGCCCGAGCAGAGAAATC 426
Db 834 TGCCCGAGCAGAGAAATC 852

RESULT 67
US-10-354-358-11
; Sequence 11, Application US/10354358
; Publication No. US20030157082A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc
; APPLICANT: Hunter, John Joseph
; APPLICANT: MacBeth, Kyle J.
; APPLICANT: Tsai, Fong-Ying
; APPLICANT: Lesoon, Andrea
; APPLICANT: Lightcap, Eric S.
; APPLICANT: Williamson, Mark
; APPLICANT: Rudolph-Owen, Laura A.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING
; TITLE OF INVENTION: CANCER USING 140, 1470, 1686, 2089, 2427, 3702, 5891, 6428,
; TITLE OF INVENTION: 7181, 7660, 25641, 69583, 49863, 8897, 1682, 17667, 9235,
; TITLE OF INVENTION: 3703, 14171, 10359, 1660, 1450, 18894, 2088, 32427, 2160,
; TITLE OF INVENTION: 9252, 9389, 1642, 85269, 10297, 1594, 9525, 14124, 4469,
; TITLE OF INVENTION: 8990, 2100, 9288, 64698, 10480, 20893, 33230, 1586, 9943,
; TITLE OF INVENTION: 16334, 68862, 9011, 14031, 6178, 21225, 1420, 32236, 2099,
; TITLE OF INVENTION: 2150, 26583, 2784, 8941, 9811, 27444, 50566 OR 66428 MOLECULES
; FILE REFERENCE: MP102-020P1RNM1M
; CURRENT APPLICATION NUMBER: US/10/354,358
; CURRENT FILING DATE: 2003-01-30
; PRIOR APPLICATION NUMBER: US 60/353,600
; PRIOR FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 60/364,517
; PRIOR FILING DATE: 2002-03-15
; PRIOR APPLICATION NUMBER: US 60/371,075
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: US 60/371,507
; PRIOR FILING DATE: 2002-04-10
; PRIOR APPLICATION NUMBER: US 60/372,984
; PRIOR FILING DATE: 2002-04-16
; PRIOR APPLICATION NUMBER: US 60/374,194
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US 60/382,995
; PRIOR FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: US 60/385,023
; PRIOR FILING DATE: 2002-05-31

; PRIOR APPLICATION NUMBER: US 60/388,853
; PRIOR FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: US 60/389,395
; PRIOR FILING DATE: 2002-06-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 1467
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(1467)
US-10-354-358-11

Query Match      1.6%; Score 19; DB 15; Length 1467;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 742 AGGGGCGCTTCCTCATCCGG 760
Db 423 AGGGGCGCTTCCTCATCCGG 441

RESULT 68
US-10-280-576-25
; Sequence 25, Application US/10280576
; Publication No. US20040044405A1
; GENERAL INFORMATION:
; APPLICANT: Wolff, Matthew R.
; TITLE OF INVENTION: VASCULAR STENT OR GRAFT COATED OR IMPREGNATED WITH PROTEIN
; FILE REFERENCE: 09820.189
; CURRENT APPLICATION NUMBER: US/10/280,576
; CURRENT FILING DATE: 2002-10-22
; PRIOR APPLICATION NUMBER: 60/343,732
; PRIOR FILING DATE: 2001-10-25
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 1490
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-280-576-25

Query Match      1.6%; Score 19; DB 16; Length 1490;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 742 AGGGGCGCTTCCTCATCCGG 760
Db 434 AGGGGCGCTTCCTCATCCGG 452

RESULT 69
US-10-126-962-1
; Sequence 1, Application US/10126962
; Publication No. US20040087783A1
; GENERAL INFORMATION:
; APPLICANT: PLOWMAN, GREGORY D.
; APPLICANT: ONRUST, SUSAN
; APPLICANT: MARKBY, DAVID
; APPLICANT: COURTNEIDGE, SARA
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF SAD RELATED DISORDERS
; FILE REFERENCE: 034536-0497
; CURRENT APPLICATION NUMBER: US/10/126,962
; CURRENT FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 09/099,053
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/049,914
; PRIOR FILING DATE: 1997-06-18
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.1
```



```
; NAME/KEY: unsure
; LOCATION: (1)..(2023)
; OTHER INFORMATION: unsure at all n locations
; FEATURE:
; OTHER INFORMATION: Clone ID: TRIAE-23APR03-CLUSTER527_113
US-10-739-930-5045

Query Match
Best Local Similarity 1.6%; Score 19; DB 18; Length 2023;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 453 CTGTCACAGGCCAGGACC 471
Db 1717 CTGTCACAGGCCAGGACC 1735

RESULT 74
US-10-094-749-577
; Sequence 577, Application US/10094749
; Publication No. US20030219741A1
; GENERAL INFORMATION:
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: OTSUKI, TETSUJI
; APPLICANT: WAKAMATSU, AI
; APPLICANT: SATO, HIROYUKI
; APPLICANT: ISHII, SHIZUKO
; APPLICANT: YAMAMOTO, JUN-ICHI
; APPLICANT: ISONO, YUUKO
; APPLICANT: HIO, YURI
; APPLICANT: OTSUKA, KAORU
; APPLICANT: NAGAI, KEIICHI
; APPLICANT: IRIE, RYOTARO
; APPLICANT: TAMECHIKA, ICHIRO
; APPLICANT: SEKI, NAOHICO
; APPLICANT: YOSHIKAWA, TSUTOMU
; APPLICANT: OTSUKA, MOTOTYUKI
; APPLICANT: NAGAHARI, KENJI
; APPLICANT: MASUHO, YASUHIKO
; TITLE OF INVENTION: NOVEL FULL-LENGTH CDNA
; FILE REFERENCE: 084335/0160
; CURRENT APPLICATION NUMBER: US/10/094,749
; CURRENT FILING DATE: 2002-03-12
; PRIOR FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: JP 2001-328381
; PRIOR FILING DATE: 2001-09-14
; NUMBER OF SEQ ID NOS: 3381
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 577
; LENGTH: 2120
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-094-749-577

Query Match
Best Local Similarity 1.6%; Score 19; DB 15; Length 2120;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 740 GGAGGGGCTTCTCATCC 758
Db 280 GGAGGGGCTTCTCATCC 298

RESULT 75
US-10-305-720-1101
; Sequence 1101, Application US/10305720
; Publication No. US20040010136A1
; GENERAL INFORMATION:
; APPLICANT: Au-Young, Janice K.; Seilhamer, Jeffrey J.
; TITLE OF INVENTION: Composition for the Detection of Signaling Pathway Gene Expression
; FILE REFERENCE: PA-0002-1 CON
; CURRENT APPLICATION NUMBER: US/10/305,720
```

```
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: 09/016,434
; PRIOR FILING DATE: 1998-01-30
; NUMBER OF SEQ ID NOS: 1490
; SOFTWARE: PERL Program
; SEQ ID NO 1101
; LENGTH: 2771
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: GenBank ID No. US20040010136A1 g1256002
US-10-305-720-1101

Query Match
Best Local Similarity 1.6%; Score 19; DB 16; Length 2771;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 585 CTGAGGATGGAGACTGGTG 603
Db 1305 CTGAGGATGGAGACTGGTG 1323

RESULT 76
US-10-087-192-416
; Sequence 416, Application US/10087192
; Publication No. US20020182586A1
; GENERAL INFORMATION:
; APPLICANT: Morris, David W.
; APPLICANT: Engelhard, Eric K.
; TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR
; FILE REFERENCE: 529452000122
; CURRENT APPLICATION NUMBER: US/10/087,192
; CURRENT FILING DATE: 2002-03-01
; PRIOR APPLICATION NUMBER: US 09/747,377
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 09/798,586
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 2059
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 416
; LENGTH: 3103
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-087-192-416

Query Match
Best Local Similarity 1.6%; Score 19; DB 13; Length 3103;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 320 CAGAGCTGCTTCCCAAGC 338
Db 960 CAGAGCTGCTTCCCAAGC 978

RESULT 77
US-10-331-053-2
; Sequence 2, Application US/10331053
; Publication No. US20040197778A1
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc S. Malandro
; TITLE OF INVENTION: Novel Compositions and Methods in Cancer
; FILE REFERENCE: 529452001100
; CURRENT APPLICATION NUMBER: US/10/331,053
; CURRENT FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 3107
; TYPE: DNA
; ORGANISM: Mus musculus
```

Mon Jan 3 11:32:12 2005

us-09-939-853a-74.olig.rnpb

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 585 CTGAGGATGGAGCTGGTG 603

Db 3421 CTGAGGATGGAGCTGGTG 3403

Query Match 1.6%; Score 19; DB 18; Length 3107;

Best Local Similarity 100.0%; Pred. No. 33;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 320 CAGAGCTGTCTCCCAAGC 338

Db 962 CAGAGCTGTCTCCCAAGC 980

Query Match 1.6%; Score 19; DB 18; Length 4207;

Best Local Similarity 100.0%; Pred. No. 32;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 411 CCAGCAGAGAAATCTCT 429

Db 3095 CCAGCAGAGAAATCTCT 3077

Query Match 1.6%; Score 19; DB 15; Length 4207;

Best Local Similarity 100.0%; Pred. No. 32;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 485 GCAGAGAGCAAGGCCA 503

Db 32483 GCAGAGAGCAAGGCCA 32501

Query Match 1.6%; Score 19; DB 16; Length 4720;

Best Local Similarity 100.0%; Pred. No. 32;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-10-331-053-2

Query Match 1.6%; Score 19; DB 18; Length 3107;

Best Local Similarity 100.0%; Pred. No. 33;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 320 CAGAGCTGTCTCCCAAGC 338

Db 962 CAGAGCTGTCTCCCAAGC 980

RESULT 78

US-10-369-493-46381/c

; Sequence 46381, Application US/10369493

; Publication No. US20030233675A1

; GENERAL INFORMATION:

; APPLICANT: Cao, Yongwei

; APPLICANT: Hinkle, Gregory J.

; APPLICANT: Slater, Steven C.

; APPLICANT: Goldman, Barry S.

; APPLICANT: Chen, Xianfeng

; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF

; FILE REFERENCE: 38-10(52052)B

; CURRENT APPLICATION NUMBER: US/10/369,493

; PRIOR FILING DATE: 2003-02-28

; PRIOR APPLICATION NUMBER: US 60/360,039

; PRIOR FILING DATE: 2002-02-21

; NUMBER OF SEQ ID NOS: 47374

; SEQ ID NO 46381

; LENGTH: 4207

; TYPE: DNA

; ORGANISM: Schizosaccharomyces pombe

US-10-369-493-46381

US-10-437-963-29812

; Sequence 29812, Application US/10437963

; Publication No. US20040123343A1

; GENERAL INFORMATION:

; APPLICANT: La Rosa, Thomas J.

; APPLICANT: Kovalic, David K.

; APPLICANT: Zhou, Yihua

; APPLICANT: Cao, Yongwei

; APPLICANT: Wu, Wei

; APPLICANT: Boukharov, Andrey A.

; APPLICANT: Barbazuk, Brad

; APPLICANT: Li, Ping

; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With

; FILE REFERENCE: 38-21(53221)B

; CURRENT APPLICATION NUMBER: US/10/437,963

; CURRENT FILING DATE: 2003-05-14

; NUMBER OF SEQ ID NOS: 204966

; SEQ ID NO 29812

; LENGTH: 6779

; TYPE: DNA

; ORGANISM: Oryza sativa

; FEATURE:

; OTHER INFORMATION: Clone ID: PAT_MRT4530_34278C.1

US-10-437-963-29812

US-10-723-860-1073

; Sequence 1073, Application US/10723860

; Publication No. US20040253606A1

; GENERAL INFORMATION:

; APPLICANT: Aziz, Natasha

; APPLICANT: Ginsburg, Wendy M.

; APPLICANT: Zlotnik, Albert

; TITLE OF INVENTION: Methods for Diagnosis of Soft Tissue Sarcoma, Compositions &

; FILE REFERENCE: 05882.0193.NPUS01

; CURRENT APPLICATION NUMBER: US/10/723,860

; CURRENT FILING DATE: 2003-11-26

; PRIOR APPLICATION NUMBER: 60/429,739

; PRIOR FILING DATE: 2002-11-26

; NUMBER OF SEQ ID NOS: 8393

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1073

; LENGTH: 33414

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-723-860-1073

US-10-062-674-2048/c

; Sequence 2048, Application US/10062674

; Publication No. US20040005559A1

; GENERAL INFORMATION:

; APPLICANT: Loring, Jeanne F.; Kaser, Matthew R.

; TITLE OF INVENTION: MARKERS OF NEURONAL DIFFERENTIATION AND MORPHOGENESIS

; FILE REFERENCE: PA-0026-1 CIP

; CURRENT APPLICATION NUMBER: US/10/062,674

; CURRENT FILING DATE: 2002-01-30

; PRIOR APPLICATION NUMBER: US 09/625,102

; PRIOR FILING DATE: 2000-07-24

; NUMBER OF SEQ ID NOS: 2217

; SOFTWARE: PERL Program

; SEQ ID NO 2048

; LENGTH: 4720

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: misc feature

; OTHER INFORMATION: Incyte ID No. US20040005559A1 422072.14

; FEATURE:

; NAME/KEY: unsure

; LOCATION: (1) ... (4720)

; OTHER INFORMATION: a, t, c, g, or other

US-10-062-674-2048

US-10-062-674-2048

Query Match 1.6%; Score 19; DB 16; Length 4720;

Best Local Similarity 100.0%; Pred. No. 32;

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

; Sequence 2, Application US/10699156
; Publication No. US20040197799A1
; GENERAL INFORMATION:
; APPLICANT: Williamson, Robert
; APPLICANT: Dahl, Hans-Henrik
; APPLICANT: Forrest, Susan
; APPLICANT: Delatycki, Martin
; APPLICANT: Wilcox, Stephen
; APPLICANT: de Silva, Michelle
; APPLICANT: Elliott, Katherine
; APPLICANT: Lynch, Michael
; TITLE OF INVENTION: DETERMINATION OF A GENETIC PREDISPOSITION FOR BEHAVIORAL DISORDER
; FILE REFERENCE: A36055-PCT-USA-A 071838.0143
; CURRENT APPLICATION NUMBER: US/10/6399,156
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/AU02/005556
; PRIOR APPLICATION NUMBER: 2002-05-03
; PRIOR APPLICATION NUMBER: AU PR4756
; PRIOR FILING DATE: 2001-05-03
; PRIOR FILING DATE: 2001-06-04
; PRIOR FILING DATE: 2001-06-04
; PRIOR FILING DATE: 2001-06-04
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 483728
; TYPE: DNA
; ORGANISM: human
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19734)..(19962)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (69768)..(69974)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (94975)..(95181)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (127559)..(130531)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (142395)..(143725)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (152195)..(154039)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (167914)..(168120)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (170745)..(173326)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (179281)..(182018)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (208000)..(209952)
; OTHER INFORMATION: n = any nucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (224704)..(224953)
; OTHER INFORMATION: n = any nucleotide

; Sequence 1, Application US/10331053
; Publication No. US2004019778A1
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc S. Malandro
; TITLE OF INVENTION: Novel Compositions and Methods in Cancer
; FILE REFERENCE: 529452001100
; CURRENT APPLICATION NUMBER: US/10/331,053
; CURRENT FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 192673
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)....(192673)
; OTHER INFORMATION: n = A,T,C or G
; US-10-331-053-1

Query Match 1.6%; Score 19; DB 18; Length 192673;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 320 CAGAGCTGCTTCCCAAGC 338
Db 166937 CAGAGCTGCTTCCCAAGC 166955

RESULT 83
US-10-331-053-1
; Sequence 1, Application US/10331053
; Publication No. US2004019778A1
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc S. Malandro
; TITLE OF INVENTION: Novel Compositions and Methods in Cancer
; FILE REFERENCE: 529452001100
; CURRENT APPLICATION NUMBER: US/10/331,053
; CURRENT FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 192673
; TYPE: DNA
; ORGANISM: Mus musculus
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)....(192673)
; OTHER INFORMATION: n = A,T,C or G
; US-10-331-053-1

Query Match 1.6%; Score 19; DB 18; Length 192673;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 320 CAGAGCTGCTTCCCAAGC 338
Db 170455 CAGAGCTGCTTCCCAAGC 170473

RESULT 84
US-10-699-156-2/c
```

```

;
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (231493)..(233474)
; OTHER INFORMATION: n = any nucleotide
;
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (239274)..(247177)
; OTHER INFORMATION: n = any nucleotide
;
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (262462)..(263424)
; OTHER INFORMATION: n = any nucleotide
;
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (283171)..(283390)
; OTHER INFORMATION: n = any nucleotide
;
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (285365)..(288406)
; OTHER INFORMATION: n = any nucleotide
;
; US-10-699-156-2
;
Query Match          1.6%; Score 19; DB 18; Length 483728;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1091 GGGGAGGAGTCTCTTCTCA 1109
      |||||
Db 223925 GGGGAGGAGTCTCTTCTCA 223907

RESULT 85
US-10-425-115-136942
; Sequence 136942, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369126
; SEQ ID NO 136942
; LENGTH: 123
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_56369C.1
; US-10-425-115-136942

Query Match          1.5%; Score 18; DB 18; Length 123;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 836 CACTACAGGATCCACTGC 853
      |||||
Db 39 CACTACAGGATCCACTGC 56

RESULT 86
US-09-738-626-3261
; Sequence 3261, Application US/09738626
; Publication No. US20020197605A1
; GENERAL INFORMATION:
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: MIZOGUCHI, HIROSHI
; APPLICANT: ANDO, SEIKO
; APPLICANT: HAYASHI, MIKIRO
; APPLICANT: OCHIAI, KEIKO

;
; APPLICANT: YOKOI, HARUHIKO
; APPLICANT: TATEISHI, NAKO
; APPLICANT: SENOH, AKIHIRO
; APPLICANT: IKEDA, MASATO
; APPLICANT: OZAKI, AKIO
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
; FILE REFERENCE: 249-125
; CURRENT APPLICATION NUMBER: US/09/738,626
; CURRENT FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: JP 99/377484
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: JP 00/159162
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: JP 00/280988
; PRIOR FILING DATE: 2000-08-03
; NUMBER OF SEQ ID NOS: 7059
; SOFTWARE: Patent in ver. 3.0
; SEQ ID NO 3261
; LENGTH: 204
; TYPE: DNA
; ORGANISM: Corynebacterium glutamicum
; US-09-738-626-3261

Query Match          1.5%; Score 18; DB 9; Length 204;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1150 GAATGACGAGGCTGCTC 1167
      |||||
Db 111 GAATGACGAGGCTGCTC 128

RESULT 87
US-10-437-963-26242
; Sequence 26242, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Brad
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 26242
; LENGTH: 219
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_31051C.1
; US-10-437-963-26242

Query Match          1.5%; Score 18; DB 17; Length 219;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 428 CTGCCAAGCCCAAGCTTG 445
      |||||
Db 128 CTGCCAAGCCCAAGCTTG 145

RESULT 88
US-10-437-963-35410/c
; Sequence 35410, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
```


; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 35410
; LENGTH: 304
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_39332C.1
US-10-437-963-35410

Query Match 1.5%; Score 18; DB 17; Length 304;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 64 TCCCTCCCTGGCTCGGCT 81
|||||
Db 243 TCCCTCCCTGGCTCGGCT 226

RESULT 89
US-10-437-963-47957/c
; Sequence 47957, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 47957
; LENGTH: 311
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_50677C.1
US-10-437-963-47957

Query Match 1.5%; Score 18; DB 17; Length 311;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 64 TCCCTCCCTGGCTCGGCT 81
|||||
Db 250 TCCCTCCCTGGCTCGGCT 233

RESULT 90
US-10-437-963-96032/c
; Sequence 96032, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.

; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 96032
; LENGTH: 365
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_94167C.1
US-10-437-963-96032

Query Match 1.5%; Score 18; DB 17; Length 365;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 64 TCCCTCCCTGGCTCGGCT 81
|||||
Db 304 TCCCTCCCTGGCTCGGCT 287

RESULT 91
US-10-437-963-84460/c
; Sequence 84460, Application US/10437963
; Publication No. US20040123343A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; APPLICANT: Wu, Wei
; APPLICANT: Boukharov, Andrey A.
; APPLICANT: Barbazuk, Brad
; APPLICANT: Li, Ping
; TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53221)B
; CURRENT APPLICATION NUMBER: US/10/437,963
; CURRENT FILING DATE: 2003-05-14
; NUMBER OF SEQ ID NOS: 204966
; SEQ ID NO 84460
; LENGTH: 374
; TYPE: DNA
; ORGANISM: Oryza sativa
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_83695C.1
US-10-437-963-84460

Query Match 1.5%; Score 18; DB 17; Length 374;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 64 TCCCTCCCTGGCTCGGCT 81
|||||
Db 313 TCCCTCCCTGGCTCGGCT 296

RESULT 92
US-09-918-995-8609
; Sequence 8609, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED

```

; TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
; FILE REFERENCE: 20411-756
; CURRENT APPLICATION NUMBER: US/09/918,995
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: US/09/235,076
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 38054
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 8609
; LENGTH: 402
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-995-8609

Query Match      1.5%; Score 18; DB 10; Length 402;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 416 AGAAGAAATCTCTGCCA 433
DB 3 AGAAGAAATCTCTGCCA 20

RESULT 93
US-09-983-965-1815
; Sequence 1815, Application US/09983965
; Patent No. US20020137160A1
; GENERAL INFORMATION:
; APPLICANT: Warren, Wesley C.
; APPLICANT: Tao, Mengbing
; APPLICANT: Byatt, John C.
; APPLICANT: Machialagan, Nagappan
; TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND
; FILE REFERENCE: 37-21(10297)C
; CURRENT APPLICATION NUMBER: US/09/983,965
; CURRENT FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: US 09/465,231
; PRIOR FILING DATE: 1999-12-15
; PRIOR APPLICATION NUMBER: US 60/113,678
; PRIOR FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 5912
; SEQ ID NO 1815
; LENGTH: 403
; TYPE: DNA
; ORGANISM: Bos taurus
; FEATURE:
; OTHER INFORMATION: Clone ID: 02-LIB3057-001-Q1-K1-A9
US-09-983-965-1815

Query Match      1.5%; Score 18; DB 9; Length 403;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 902 CTCAGAGCCCTGGTGGAC 919
DB 376 CTCAGAGCCCTGGTGGAC 393

RESULT 94
US-09-732-627A-2773/c
; Sequence 2773, Application US/09732627A
; Publication No. US20040123338A1
; GENERAL INFORMATION:
; APPLICANT: Fincher, Karen L.
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated with
; FILE REFERENCE: 38-21(51770)B
; CURRENT APPLICATION NUMBER: US/09/732,627A
; CURRENT FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 4930
; SEQ ID NO 2773
; LENGTH: 408

```

```

; TYPE: DNA
; ORGANISM: Gossypium hirsutum
; FEATURE:
; OTHER INFORMATION: Clone ID: LIB3493-008-P1-M1-E8
US-09-732-627A-2773

Query Match      1.5%; Score 18; DB 11; Length 408;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 328 TCTTCCCAAGCCTTTGAT 345
DB 284 TCTTCCCAAGCCTTTGAT 267

RESULT 95
US-10-425-115-133328/c
; Sequence 133328, Application US/10425115
; Publication No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
; APPLICANT: Zhou, Yihua
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; FILE REFERENCE: 38-21(53222)B
; CURRENT APPLICATION NUMBER: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 133328
; LENGTH: 467
; TYPE: DNA
; ORGANISM: Zea mays
; FEATURE:
; OTHER INFORMATION: Clone ID: MRT4577_53084C.1
US-10-425-115-133328

Query Match      1.5%; Score 18; DB 18; Length 467;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 163 GCAGACAGATGCTGAGCT 180
DB 115 GCAGACAGATGCTGAGCT 98

RESULT 96
US-10-027-632-195991
; Sequence 195991, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720

```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 195991
; LENGTH: 474
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-195991
```

```
Query Match          1.5%; Score 18; DB 13; Length 474;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 541 GGCCGAGCTGTCGCTGAG 558
    |||||
Db 286 GGCCGAGCTGTCGCTGAG 303
```

```
RESULT 97
US-10-027-632-195991
; Sequence 195991, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 10827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 195991
; LENGTH: 474
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-195991
```

```
Query Match          1.5%; Score 18; DB 15; Length 474;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 541 GGCCGAGCTGTCGCTGAG 558
    |||||
Db 286 GGCCGAGCTGTCGCTGAG 303
```

```
RESULT 98
US-09-918-995-26739
; Sequence 26739, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
; FILE REFERENCE: 20411-756
; CURRENT APPLICATION NUMBER: US/09/918,995
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: US/09/235,076
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 38054
; SOFTWARE: FastSeq for Windows Version 3.0
```

```
; SEQ ID NO 26739
; LENGTH: 487
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-995-26739
```

```
Query Match          1.5%; Score 18; DB 10; Length 487;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 654 ACGTGGCAAGTCTCTCCC 671
    |||||
Db 448 ACGTGGCAAGTCTCTCCC 465
```

```
RESULT 99
US-09-918-995-38019
; Sequence 38019, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
; FILE REFERENCE: 20411-756
; CURRENT APPLICATION NUMBER: US/09/918,995
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: US/09/235,076
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 38054
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38019
; LENGTH: 491
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(491)
; OTHER INFORMATION: n = A,T,C or G
US-09-918-995-38019
```

```
Query Match          1.5%; Score 18; DB 10; Length 491;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 416 AGAAGAAAATCTCTGCCA 433
    |||||
Db 416 AGAAGAAAATCTCTGCCA 433
```

```
RESULT 100
US-10-027-632-270409
; Sequence 270409, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 10827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
```

```

; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 270409
; LENGTH: 497
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-270409

Query Match      1.5%; Score 18; DB 13; Length 497;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      269 CCAGAGGGCCCCCAAG 286
Db      277 CCAGAGGGCCCCCAAG 294

Search completed: December 30, 2004, 18:00:06
Job time : 739 secs

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